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USAFETAC/DS-78/002

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USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

PATRICK AFB FL/COCOA BEACH
N 28 14 W 080 36 FLD ELEV 9 FT COF

WBAN# 12867
WMO # 74795

PARTS A-F

FOR FROM HOURLY OBS: JAN 67-DEC 76
FOR FROM DAILY OBS: JAN 50-DWG 76

SEP 21 1977

FEDERAL BUILDING

ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*Climatological Data	Daily temperature	*RUSSWO
*Patrick AFB, FL	Extreme temperature	*Florida
Climatology	Surface Winds	Extreme snow depth
Snowfall	Sea level pressure	Psychrometric summary
Relative Humidity	Extreme surface winds	Atmospheric pressure (over)
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
<p>This six-part statistical summary of surface weather observations for Patrick AFB, Cocoa Beach, Florida contains the following parts: (A) Weather Conditions and Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow depth; (C) Surface winds; (D) Ceiling versus visibility; Sky cover; (E) Daily Temperature: Maximum, Minimum and Mean; Extreme Temperature: Maximum and Minimum; Psychrometric Summary of dry-bulb versus wet-bulb temperature; Mean and Standard Deviations of Temperatures: Dry bulb, Wet bulb and Dew point; Relative Humidity; (F) Station (atmospheric) pressure; Sea level pressure. (over)</p>		

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19. Ceiling versus Visibility

Dry-bulb temperature versus wet-bulb temperature

Percentage frequency of distribution tables

Cumulative percentage frequency of distribution tables

20. Data in this report are presented in tabular form; in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

ACCESSION NO.	
ATIS	Write Section <input checked="" type="checkbox"/>
DDG	Buff Section <input type="checkbox"/>
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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

78 09 29 018

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV. (FT.)		CALL SIGN		WMO NUMBER	
12867		PATRICK AFB FLORIDA/COCOA BEACH		N 28 14		W 080 36		9		COF		74/95	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		JRS PER DAY
			FROM	TO			FIELD (FT.)	AT BARO.	
1	Patrick AFB Florida, Cocoa Beach	AFB	Jan 50	Feb 54	N 28 13	W 080 36	9	21 ft	24
2	Same	Same	Mar 54	Mar 57	N 28 14	Same	19	22 ft	24
3	Same	Same	Apr 57	Mar 59	Same	Same	Same	25 ft	24
4	Same	Same	Apr 59	Dec 70	Same	Same	Same	9 ft	24
5	Same	Same	Jan 71	Dec 76	Same	Same	9	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND		
1	Jan 50	Located over the weather station	GMQ-1A	N/A	109 ft		
2	Mar 54	Located on top of control tower	Same	ML 204B	108 ft		
3	Apr 56	NW corner of hangar #800	Same	Same	101 ft		
4	Apr 57	Located mid position atop hangar #800	Same	Same	77 ft		
5	Apr 58	Located on top of hangar #800	GMQ-1	Same	13 ft		
6	Apr 62	Located 500 ft W of runway 20 and 500 ft S of taxiway 11-29	GMQ-11	RO-2A	Same		
7	Dec 76	Located 600 ft N of the observing site, 800 ft E of runway 02-20	Same	Same	13 ft		

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

12867 STATION

PATRICK AFB FL/COCOA BEACH STATION NAME

67-70

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	4.1		.0		4.1	7.1	3.7			9.8	4362
FEB		.5	4.6				4.6	3.4	2.7			5.6	6322
MAR		.7	3.9				3.9	3.8	2.3		.0	5.2	6959
APR		.7	2.0				2.0	3.2	4.3			7.0	6029
MAY		2.7	6.2				4.2	.9	5.3			5.7	6733
JUN		5.4	7.7				7.7	1.3	3.4			4.5	6510
JUL		5.7	4.5				4.5	.2	.9			1.0	6750
AUG		4.0	3.7				3.7	.2	1.9			1.9	6094
SEP		2.6	6.2				6.2	.7	1.7		.1	2.3	6313
OCT		1.2	6.5				6.5	1.5	2.6			3.9	6733
NOV		.3	3.3				3.3	2.4	1.6			3.7	6301
DEC		.2	3.9				3.9	5.7	2.8			7.1	6719
TOTALS		2.0	4.6		.0		4.6	2.5	2.8		.0	4.5	19937

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867
STATION

PATRICK AFB FL/GOLDA BEACH
STATION NAME

07-76

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.3	4.0				6.0	7.0	1.9			8.4	729
	03-05	.3	3.9				3.9	11.5	2.6			13.4	724
	06-08		4.7				4.8	17.2	5.5			20.2	350
	09-11	.2	3.7				3.7	8.3	7.2			13.8	915
	12-14	.1	3.8				3.8	3.8	3.7			6.1	912
	15-17	.1	4.7				4.7	3.0	2.7			5.3	913
	18-20	.4	4.4				4.4	3.3	4.1			6.8	911
	21-23		3.3				3.3	3.0	1.9			4.0	908
TOTALS		.2	4.1				4.1	7.1	3.7			9.8	6862

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 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 07-76 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.3	5.1				5.1	2.7	1.5			3.6	666
	03-05	.6	3.1				3.1	6.0	1.6			6.7	671
	06-08	.1	3.9				3.9	10.5	5.2			14.5	788
	09-11	.4	4.0				4.0	4.9	4.7			8.8	844
	12-14	.2	4.9				4.9	.6	2.1			2.6	844
	15-17	1.1	4.9				4.9	.7	2.4			3.1	838
	18-20	.5	5.7				5.7	1.4	1.9			3.3	838
	21-23	.6	5.3				5.3	.4	2.0			2.2	833
TOTALS		.5	4.6				4.6	3.4	2.7			5.6	6322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.4	4.0				4.0	1.8	1.8			2.8	741
	03-05	.4	3.5				3.5	8.0	3.4			9.0	741
	06-08	.9	2.9				2.9	11.3	5.0		.1	14.2	895
	09-11	.4	2.0				2.0	2.7	2.5		.2	4.6	922
	12-14	.5	4.1				4.1	1.2	1.0			1.8	927
	15-17	.7	4.0				4.0	1.6	1.2			2.6	923
	18-20	.9	4.4				4.4	1.7	2.2			3.6	918
	21-23	1.6	6.5				6.5	2.1	.9			2.8	892
TOTALS		.7	3.9				3.9	3.8	2.3		.0	5.2	6959

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

47-76

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.3	1.8				1.8	1.8	4.2			5.9	673
	03-05	.1	1.9				1.9	6.8	3.9			10.3	673
	06-08	.1	2.1				2.1	13.4	8.2			18.5	868
	09-11	.1	1.6				1.6	2.2	6.2			7.8	894
	12-14	1.6	2.5				2.5	.1	2.8			2.9	894
	15-17	1.6	2.5				2.5	.4	2.0			2.5	895
	18-20	1.2	1.7				1.7	.2	4.4			4.6	892
	21-23	.4	1.7				1.7	.7	2.4			3.1	840
TOTALS		.7	2.0				2.0	3.2	4.3			7.0	6629

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.1	3.4				3.4	.2	3.1			3.1	847
	03-05	.3	2.2				2.2	1.1	4.1			5.1	851
	06-08	.1	2.4				2.4	5.3	12.7			15.2	921
	09-11	1.0	2.2				2.2	.4	6.5			6.6	924
	12-14	4.9	5.2				5.2	.1	4.1			4.2	921
	15-17	6.4	7.2				7.2		4.6			4.6	921
	18-20	5.7	5.9				5.9		5.0			5.0	915
	21-23	1.9	5.3				5.3		2.0			2.0	833
TOTALS		2.7	4.2				4.2	.9	5.3			5.7	6733

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST- TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.8	6.1				6.1	1.0	1.9			2.9	627
	03-05	1.4	5.1				5.1	2.7	1.9			4.3	629
	06-08	.7	3.7				3.7	3.5	5.1			7.6	891
	09-11	2.0	4.3				4.3	1.1	4.3			5.0	894
	12-14	7.6	6.6				6.6	.6	4.0			4.6	890
	15-17	16.0	16.1				16.1	.6	3.7			4.3	892
	18-20	9.5	12.7				12.7	.3	3.8			4.2	888
	21-23	4.0	6.7				6.7	.6	2.4			2.7	805
TOTALS		5.4	7.7				7.7	1.3	3.4			4.5	6516

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION

PATRICK AFB FL/COCOA BEACH

67-76

STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.9	.9				.9						648
	03-05	.6	.3				.3	.2				.2	649
	06-08	.3	1.0				1.0	1.3	4.6			4.8	928
	09-11	1.3	1.5				1.5	.1	1.4			1.4	925
	12-14	9.9	7.0				7.0		.6			.6	925
	15-17	17.6	10.6				10.6		.3			.3	923
	18-20	11.5	9.5				9.5	.1	.5			.7	923
	21-23	3.1	4.9				4.9						835
TOTALS		5.7	4.5				4.5	.2	.9			1.0	6756

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.1	1.2				1.2		.5			.5	648
	03-05	.3	.5				.5		.2			.2	648
	06-08	.4	1.3				1.3	1.0	3.0			3.3	910
	09-11	1.3	1.8				1.8		2.2			2.2	922
	12-14	7.2	4.5				4.5		2.6			2.6	920
	15-17	12.9	9.7				9.7	.2	2.3			2.5	904
	18-20	6.6	7.4				7.4		2.4			2.4	915
	21-23	1.8	2.8				2.8		1.8			1.8	827
TOTALS		4.0	3.7				3.7	.2	1.9			1.9	6694

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OSAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.9	5.2				5.2	.2	.2		.2	.3	621
	03-05	1.3	4.8				4.8	1.1	1.1			1.9	627
	06-08	.8	4.4				4.4	2.6	3.8			5.5	893
	09-11	1.0	5.7				5.7	.8	1.9			2.7	889
	12-14	7.8	6.3				6.3	.8	1.1			1.9	892
	15-17	5.8	9.4				9.4	.2	2.2		.2	2.5	893
	18-20	4.2	7.8				7.8	.2	2.2		.3	2.5	890
	21-23	3.0	6.3				6.3		.7		.4	.7	808
TOTALS		2.6	6.2				6.2	.7	1.7		.1	2.3	6513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
UCT	00-02	1.4	5.9				5.9	.8	.9			1.5	647
	03-05	1.1	7.1				7.1	2.9	1.7			3.9	647
	06-08	.5	4.7				4.7	4.7	5.1			7.8	910
	09-11	.2	5.3				5.3	1.9	3.5			4.8	925
	12-14	1.2	6.4				6.4	.1	1.8			2.3	921
	15-17	1.9	5.9				5.9	.4	3.5			4.4	917
	18-20	2.2	9.3				9.3	.5	2.9			4.4	924
	21-23	1.3	7.0				7.0	.4	1.1			1.8	842
TOTALS		1.2	6.5				6.5	1.5	2.6			3.9	6733

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
NOV	00-02		3.0				3.0	1.9				1.9	624
	03-05		2.9				2.9	3.5	.5			3.7	627
	06-08		4.4				4.4	7.1	3.8			10.0	798
	09-11	.1	3.2				3.2	3.6	2.6			5.3	893
	12-14	.2	2.5				2.5	.7	1.8			2.5	888
	15-17	1.1	3.6				3.6	.8	1.5			2.2	893
	18-20	.7	4.1				4.1	.5	1.5			1.9	884
	21-23	.3	3.0				3.0	.8	1.1			1.8	694
TOTALS		.3	3.3				3.3	2.4	1.6			3.7	6501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.2	1.9				1.9	3.7	1.1			4.0	643
	03-05		4.2				4.2	6.9	2.0			7.2	638
	06-08		4.0				4.0	12.4	5.3			14.4	824
	09-11	.2	4.2				4.2	8.6	4.9			11.1	925
	12-14	.5	5.4				5.4	3.8	3.1			5.9	925
	15-17	.6	4.0				4.0	2.6	2.4			4.7	924
	18-20		4.2				4.2	3.6	2.1			5.1	922
	21-23		3.5				3.5	3.7	1.2			4.4	918
TOTALS		.2	3.9				3.9	5.7	2.8			7.1	6719

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is recorded to less than $\frac{5}{8}$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXWEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

30-75

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.2	33.0				33.0	32.3	18.8			38.1	813
FEB		5.0	36.3			.3	36.2	28.7	17.2			35.5	762
MAR		9.6	33.2			.2	33.2	23.1	13.5			29.9	837
APR		10.2	27.5			.2	27.5	17.9	16.2			25.4	810
MAY		23.8	38.0			.5	38.0	8.4	15.5			19.5	837
JUN		40.2	49.3			.1	49.3	7.8	12.2		.2	16.9	810
JUL		43.9	46.2			.1	46.2	3.9	5.7			8.4	837
AUG		45.5	48.4			.4	48.4	3.9	5.9			9.0	837
SEP		29.1	59.8			.1	59.8	6.0	8.4			12.3	810
OCT		11.8	52.2				52.2	11.0	11.7			18.0	837
NOV		2.8	34.7				34.7	17.5	8.8			21.6	810
DEC		2.3	35.4				35.4	27.0	14.3			31.9	837
TOTALS		19.1	41.2			.2	41.2	15.6	12.3		.0	22.2	9857

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period observations is months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 47 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

12867 STATION PATRICK AFB FL/CUCIDA BEACH STATION NAME 50-76 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*TRACE	.77	2.20	.52	1.06	2.62	1.25	1.11	1.24	7.14	.55	.91	7.14
51	.01	1.88	.68	2.36	1.97	1.23	.60	1.54	2.32	2.38	3.61	.65	3.61
52	.54	.64	1.62	.42	.68	.47	.37	1.49	3.83	3.01	.44	.48	3.83
53	.67	1.76	1.69	1.17	.43	.46	.95	2.01	5.28	7.59	2.69	.68	7.59
54	.71	.71	1.01	1.10	2.91	2.99	1.38	1.38	1.43	1.91	1.88	1.06	2.99
55	1.78	1.37	.80	.30	.52	2.08	1.21	.48	2.92	1.39	.09	.14	2.92
56	1.98	.40	.01	1.04	1.74	1.33	.80	1.90	2.27	6.13	.14	.03	6.13
57	1.84	1.02	1.94	1.30	.70	.70	1.90	1.52	2.06	1.01	.66	1.87	2.06
58	2.64	2.00	1.12	1.61	1.10	2.90	1.18	2.22	.96	1.53	1.78	1.72	2.90
59	2.41	1.68	3.31	1.52	.70	1.86	.96	1.02	2.74	2.26	2.42	.74	3.31
60	.46	.95	3.64	2.80	.20	1.44	1.07	2.79	4.58	.65	.23	.25	4.58
61	3.61	.87	.99	.84	2.30	2.09	.95	3.38	2.09	.26	.73	.31	3.61
62	.34	1.99	.89	.62	.21	1.83	1.37	1.69	1.65	.15	1.11	.26	1.99
63	.55	2.27	.38	.13	3.20	.89	1.42	1.58	7.44	.64	4.93	.84	7.44
64	1.52	.73	1.57	.36	1.66	.62	1.31	2.88	2.18	.71	.78	.45	2.88
65	.92	1.32	2.49	.38	.06	1.07	.71	.40	1.03	2.55	.94	1.02	2.55
66	1.66	4.68	1.10	.71	1.31	3.98	2.80	3.16	1.96	3.59	.75	.37	4.68
67	.40	1.57	.05	.03	.86	1.40	1.29	1.40	2.32	.86	.02	.80	2.32
68	.26	1.93	.32	.78	.91	6.87	1.79	1.21	1.00	1.69	1.28	.46	6.87
69	1.68	.70	2.52	.48	1.82	.76	1.52	1.16	2.03	1.51	1.81	1.99	2.52
70	1.00	.56	.73	1.89	1.93	.26	1.06	.64	2.68	1.23	.66	.58	2.68
71	.09	1.91	.41	.73	2.22	2.39	1.04	1.61	1.60	1.85	.19	1.05	2.39
72	1.31	1.85	1.13	.42	.63	3.71	.57	1.38	.58	.72	1.96	1.27	3.71
73	1.20	1.08	.96	1.38	1.32	1.12	2.01	1.46	2.92	2.30	.98	1.69	2.92
74	TRACE	.20	.29	1.34	.93	1.95	5.75	1.19	1.53	3.44	.35	.55	5.75
75	.12*	.35	1.32	.55	1.25	1.40	1.20	.84	2.89	1.17	.33	.09	2.89
76	.37	.04	.63	.16	2.88	2.15	.90	1.99	5.86	.24	2.62	1.25	5.86
MEAN	1.040	1.334	1.259	.926	1.315	1.873	1.384	1.609	2.570	2.145	1.257	.797	4.004
S.D.	.925	.932	.939	.683	.864	1.392	1.005	.757	1.602	1.975	1.187	.550	1.775
TOTAL OBS.	813	762	837	809	837	810	837	837	810	837	810	837	9836

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

~~EXTREME VALUES~~
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12867 PATRICK AFB FL/COCOA BEACH 50-76
STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*TRACE	1.21	5.28	1.08	2.02	4.40	4.40	4.40	2.51	3.85	17.94	1.08	1.52	*45.29
51	.01	2.99	.91	6.58	5.70	6.12	1.93	1.93	3.82	8.46	4.38	6.66	1.24	48.80
52	1.11	3.25	3.28	.83	2.63	.65	.65	.63	4.82	8.80	9.56	.44	.70	36.70
53	1.04	3.14	4.11	5.06	.71	1.67	2.97	2.97	11.44	12.97	13.82	5.53	1.75	64.21
54	1.26	1.75	2.33	4.70	6.61	7.95	2.85	2.85	3.36	8.30	6.02	2.41	2.23	49.77
55	2.06	3.20	1.57	.46	1.82	8.03	1.94	1.94	1.55	4.97	4.03	.15	.26	30.04
56	2.47	.73	.01	2.24	2.27	2.67	2.38	2.38	3.11	8.31	12.20	.54	.07	37.00
57	1.92	4.08	6.24	4.29	2.62	1.99	5.17	5.17	5.35	5.70	1.33	1.88	5.13	45.70
58	7.83	2.73	5.04	3.27	4.82	6.88	3.56	3.56	4.95	2.77	4.37	2.72	3.89	50.83
59	3.47	4.50	11.01	4.19	1.67	6.27	2.32	2.32	3.39	11.06	5.16	4.17	1.27	58.48
60	.52	3.85	10.51	3.36	.62	5.15	6.26	6.26	5.54	16.26	2.39	.58	.66	55.70
61	4.56	1.89	1.97	1.58	6.36	3.38	3.43	3.43	8.38	2.36	1.01	1.39	.43	36.74
62	.82	2.11	1.54	1.84	.49	4.50	5.22	5.22	5.97	5.30	.21	2.02	.51	30.53
63	1.91	5.16	1.56	.29	5.77	3.08	6.76	6.76	3.35	17.87	1.94	5.88	2.90	56.46
64	3.10	3.57	1.87	.45	2.79	1.47	5.53	5.53	11.42	4.84	2.51	1.95	.80	40.30
65	1.07	4.13	4.07	.49	.08	5.07	2.07	2.07	.86	3.20	5.70	1.19	1.77	29.70
66	7.19	6.58	2.42	1.01	5.69	13.68	8.35	8.35	9.96	7.36	8.49	1.47	1.00	73.20
67	.94	3.07	.13	.05	1.66	5.40	7.53	7.53	2.98	4.92	1.76	.03	1.50	29.97
68	.59	2.63	.92	1.57	2.42	20.44	4.75	4.75	2.36	6.16	9.34	1.62	.50	53.30
69	3.39	1.16	6.03	.60	7.80	2.57	4.07	4.07	4.57	8.25	6.53	3.30	3.50	51.77
70	3.10	1.61	3.73	2.17	3.75	.97	3.81	3.81	1.76	5.72	5.00	1.08	1.19	*33.89
71	.25	4.72	1.14	1.18	2.87	6.17	3.72	3.72	2.89	8.25	6.69	.53	3.53	41.96
72	2.37	4.97	1.85	1.32	5.18	8.92	2.04	2.04	5.63	1.11	2.37	5.29	3.64	42.69
73	4.63	1.87	3.16	2.93	3.22	5.33	6.14	6.14	3.92	11.17	5.18	1.33	4.83	53.69
74	TRACE	.50	.61	3.30	2.17	8.13	15.33	15.33	3.09	4.18	5.94	1.09	1.27	45.61
75	.26*	1.37	2.05	.92	3.04	6.36	3.63	3.63	1.54	4.78	4.19	1.08	.19	*29.41
76	.43	.09	.84	.34	11.45	7.09	1.49	1.49	8.52	12.81	.51	4.69	2.84	51.10
MEAN		2.085	2.847	3.117	2.078	3.416	5.716	4.380	4.705	7.397	5.503	2.226	1.820	45.290
S.D.		2.070	1.589	2.798	1.732	2.561	4.129	2.918	2.920	4.143	4.226	1.905	1.457	11.413
TOTAL OBS.		813	762	837	809	837	810	837	837	810	837	810	837	9836

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/WAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
FALL
(FROM DAILY OBSERVATIONS)

12367

PATRICK AFB FL/COCOA BEACH

50-76

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST	
	SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
	SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0														915	.0	.0	.0		
FEB	100.0														762	.0	.0	.0		
MAR	100.0														837	.0	.0	.0		
APR	100.0														810	.0	.0	.0		
MAY	100.0														837	.0	.0	.0		
JUN	100.0														810	.0	.0	.0		
JUL	100.0														837	.0	.0	.0		
AUG	100.0														837	.0	.0	.0		
SEP	100.0														810	.0	.0	.0		
OCT	100.0														837	.0	.0	.0		
NOV	100.0														810	.0	.0	.0		
DEC	100.0														837	.0	.0	.0		
ANNUAL	100.0														9837	.0	X	X		

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
12867	PATRICK AFB FL/CNCGA REACH	50-76

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75		.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.		.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.		513	762	837	810	837	810	837	837	810	837	810	837	9637

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
XXXXXXXXXXXX
XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12867 STATION 50-76 YEARS
PATRICK AFB EL COCOA BEACH STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	813	762	837	810	837	810	837	837	810	837	810	817	9837

NOTE * (BASED ON < FULL MONTHS)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
WIND DIRECTION
(FROM DAILY OBSERVATIONS)

DATA PROCESSING BRANCH
USAF PTAC
AIR VETERAN SERVICE/MAC

STATION 12867 PATRICK AFB FL/COCOA BEACH 50-76 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
														TRACE	.01-0.4	0.5-1.4	1.5-2.4	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120			MEAN	GREATEST	LEAST
JAN	100.0																								813							
FEB	100.0																									702						
MAR	100.0																									837						
APR	100.0																									810						
MAY	100.0																									837						
JUN	100.0																									810						
JUL	100.0																									837						
AUG	100.0																									837						
SEP	100.0																									810						
OCT	100.0																									837						
NOV	100.0																									810						
DEC	100.0																									837						
ANNUAL	100.0																									9837						

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12867 STATION PATRICK AFB EL/COCOA BEACH 50-76 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	813	762	837	810	837	810	837	837	810	837	810	837	9817

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12867 STATION PAIRICK AFB EL/COCOA BEACH 58-76 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	WNW 35WSW	32WNW	SSE*38SSW	39WNW	39N	38SW	*26WSW	34N	29NE	33ESE	28E	33	
59	W 30S	38W	42NNE	29SSW	27NW	*33WNW	37NW	30SSE	64S	25ENE	26N	33	
60	NW 29W	38WNW	34SSW	34WSW	42UNE*	36W	36SSE	32W	30ESE	32E	34NW	26	SSE 64
61	WNW 41WSW	39W	37SSW	29N	28WNW	36N	24W	33N	41NNW	26N	30NNW	34	WSW 42
62	N 27WSW	36NE	31SE	25N	35NW	29ESE	47SSW	50NE	45NE	27W	36E	37	WNW 41
63	WNW 33WNW	40NW	35N	36N	32S	21WNW	32SSE	53WSW	50W	37NNW	32NE	30	SSW 50
64	N 29W	43N	41NNE	30NNE	24SSW	55SSW	30N	31ENE	41NNE	35E	33N	38	SSE 53
65	NW 37E	39W	37WSW	38S	48SE	45W	28NNE	49+SW	30SSE	32W	30W	32	SSW 55
66	WSW 30NNE	37NNE	34ENE	27SW	36W	37NW	48W	31ENE	29NE	22N	25NW	33	NNE 49
67	N 28SSW	35SSW	36SSW	45SW	36W	3627/	3126/	2629/	3014/	3727/	3729/	30	SSW 45
68	1/ 2827/	4318/	33 7/	24 6/	3721/	2527/	2623/	3014/	32 7/	3430/	5928/	32	30/ 59
69	23/ 4019/	5016/	3625/	3116/	3034/	4416/	2825/	30 8/	32 4/	3535/	3628/	30	19/ 50
70	33/ 3522/	3929/	3931/	3315/	2920/	4930/	4217/	4127/	4927/	28 2/	26 6/	33	20/ 49
71	2/ 3629/	3821/	39 5/	2831/	38 9/	4730/	3334/	4026/	40 8/	38 9/	3535/	43	9/ 47
72	20/ 4526/	3823/	3822/	3527/	4114/	2627/	4722/	2814/	50 5/	3132/	2625/	37	24/ 50
73	2/ 2221/	3126/	2933/	2929/	5418/	3935/	3436*	6026/	27 2/	3433/	2828/	31	36* 60
74	1/ 3018/	3421/	3623/	3626/	2826/	3721/	3932/	3824/	28 8/	32 7/	2926/	30	21/ 39
75	28/ 3224/	3922/	29 2/	3620/	3616/	3520/	34 5/	3122/	36 2/	32 3/	3227/	38	24/ 39
76													
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	32.6	38.3	35.7	32.5	34.9	36.6	34.9	37.1	37.5	31.3	32.2	33.5	49.4
S.D.	5.710	4.309	3.652	5.264	7.891	8.576	7.435	9.795	10.227	4.677	7.507	4.047	7.212
TOTAL OBS.	526	506	564	564	566	524	549	548	553	587	569	584	6670

NOTES * (BASED ON < FULL MONTHS)

1/ 2827/ 4318/ 33 7/ 24 6/ 3721/ 2527/ 2623/ 3014/ 32 7/ 3430/ 5928/ 32

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/CAGDA BEACH STATION NAME 67-76 YEARS ALL NORTH

ALL WEATHER CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.0	1.7	.2	.0	.0					5.9	9.0
NNE	.4	1.1	1.5	1.5	.2	.0						4.5	8.8
NE	.5	1.6	2.2	1.3	.2	.0	.0					5.9	8.4
ENE	.6	2.0	2.7	1.4	.2	.0	.0					7.0	8.3
E	1.3	4.0	4.7	2.0	.2	.0						12.1	7.5
ESE	1.0	2.9	3.0	.7	.0	.0						7.6	6.7
SE	.7	2.3	3.1	.9	.1	.0						7.1	7.4
SSE	.7	1.8	2.6	1.3	.1	.0						7.0	8.0
S	1.6	2.2	1.8	.7	.0	.0	.0					6.3	6.2
SSW	1.0	1.6	1.3	.5	.1	.0						4.5	6.5
SW	.6	1.3	1.2	.5	.1	.0	.0					3.8	7.1
WSW	.7	1.4	1.5	.5	.1	.0						4.0	6.9
W	1.1	1.9	1.5	.8	.1	.0						5.5	7.0
WNW	.7	1.1	1.2	.7	.1	.0	.0					3.9	7.6
NW	.6	1.0	1.2	.6	.1	.0						3.7	8.0
NNW	.5	1.3	1.8	1.3	.2	.0	.0					5.0	8.6
VARBL													
CALM												6.3	
	12.7	28.7	33.2	16.7	2.0	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 79887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

47-76
YEARS

JAN
MONTH

ALL
MOON (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.1	4.1	4.2	.4	.0						11.7	9.5
NNE	.5	1.5	1.5	.7	.1	.0						4.3	7.4
NE	.8	2.0	1.3	.3	.1							4.6	6.5
ENE	.8	2.1	1.4	.2	.1							4.8	6.5
E	1.4	2.2	1.0	.0								5.8	6.1
ESE	.9	1.4	.0	.2								3.4	5.5
SE	.9	2.1	2.0	.6								5.5	6.5
SSE	.7	2.1	2.9	1.0								6.6	7.3
S	1.7	2.4	1.0	.2	.0							6.3	5.8
SSW	1.1	1.9	1.0	.8								5.4	6.6
SW	.7	1.2	1.1	.5	.1	.0						3.7	6.8
WSW	.9	1.0	.0	.3	.0							2.7	5.7
W	1.1	1.7	1.3	.8	.1							4.9	6.8
WNW	.8	1.5	1.7	1.2	.1	.0						5.4	7.8
NW	1.2	1.3	2.2	1.5	.3							6.4	8.1
NNW	.8	2.0	3.7	3.1	.4	.0						10.1	9.2
VARBL													
CALM												8.5	
	15.2	24.4	29.3	16.7	1.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

6856

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	3.4	4.5	.3	.0	.0					11.7	9.4
NNE	.0	1.3	2.0	1.5	.1							5.5	8.4
NE	.5	1.3	1.5	.3								3.5	6.8
ENE	.5	1.4	.0	.2								2.9	5.9
E	.0	2.2	1.5	.4								4.8	6.1
ESE	.7	1.4	1.0	.5								3.6	6.7
SE	.0	1.0	1.2	.8	.1	.0						3.8	7.9
SSE	.0	.9	1.9	1.4	.1	.0						5.0	8.8
S	1.3	2.1	2.2	1.2	.1	.1	.0					7.0	7.3
SSW	.0	1.5	1.3	.7	.2	.0						4.6	7.4
SW	.7	1.1	1.1	.8	.1		.0					3.9	7.7
WSW	.9	.9	1.3	.0	.2	.0						3.9	7.5
W	1.1	1.9	3.3	1.8	.7	.1						8.8	9.0
WNW	.7	1.8	2.0	1.9	.4	.0	.0					7.5	9.1
NW	.0	1.6	2.1	2.4	.3							7.0	9.1
NNW	.9	2.3	3.5	3.1	.3	.1	.0					10.3	9.2
VARBL													
CALM												6.1	
	12.5	24.8	30.0	22.2	3.0	.5	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

0318

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

57-76

YEARS

MARK
MONTH

ALL WEATHER
CLAS

ALL
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	2.2	2.1	.4	.0						6.2	9.7
NNE	.4	1.1	1.7	2.0	.2	.0						5.6	9.4
NE	.4	1.3	1.9	1.2	.1							4.8	8.2
ENE	.0	2.2	2.4	1.3	.1							6.5	7.7
E	1.2	3.1	2.0	1.0	.0							8.5	6.6
ESE	.9	2.7	1.9	.4								5.9	6.2
SE	.0	2.5	4.0	1.5	.1	.0						8.7	7.9
SSE	.0	1.6	3.7	2.7	.1	.0						8.7	8.9
S	1.2	1.8	2.5	1.4	.1	.0						7.1	7.5
SSW	.7	1.1	1.5	1.0	.2	.0						4.5	8.1
SW	.2	1.0	1.0	1.2	.2	.1						3.6	9.6
WSW	.4	1.2	1.3	1.3	.2	.0						4.4	8.9
W	.2	1.6	2.7	2.1	.5	.1						7.5	9.4
WNW	.4	.8	1.4	1.5	.3	.0						4.8	9.7
NW	.2	.8	1.1	1.1	.2	.0						3.4	9.6
NNW	.3	.7	1.7	1.4	.3							4.4	9.6
VARB													
CALM												5.4	
	9.4	24.6	34.0	23.2	3.0	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

6956

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME YEARS 67-76 MONTHS APR MONTHS (U.S.T.) ALL

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.5	1.2	.1	.0						3.6	9.4
NNE	.1	.6	1.3	2.3	.2	.0						4.6	11.1
NE	.1	1.0	2.0	1.6	.2							5.6	9.6
ENE	.4	1.8	2.9	2.3	.3							7.8	9.2
E	.8	2.9	3.2	3.9	.2							13.9	8.8
ESE	.6	2.2	4.0	1.4	.0							8.9	8.0
SE	.3	2.0	4.8	1.6	.0							8.9	8.5
SSE	.4	1.3	3.0	3.5	.3							9.3	9.8
S	1.1	2.1	2.3	1.0	.1							6.8	7.1
SSW	.8	1.5	1.3	.7	.0							4.2	6.8
SW	.6	1.1	1.5	.6	.2	.0						4.0	7.8
WSW	.5	1.6	1.9	.6	.3							5.0	7.9
W	.7	2.1	2.9	1.1	.1	.0						7.0	7.7
WNW	.3	1.2	1.2	.6								3.3	7.4
NW	.2	.6	.8	.5	.0							2.0	8.1
NNW	.2	.6	.9	.7	.0							2.5	8.6
VARBL													
CALM												2.5	
	7.2	23.3	40.7	24.1	2.1	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 6624

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12507 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76 MONTH MAY
ALL WEATHER CLAIM HOUSE (L.E.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.9	.8	.8	.2							3.1	8.5
NNE	.5	.6	1.0	1.6	.1							4.4	9.2
NE	.3	1.3	2.7	1.2	.1	.0						5.6	8.5
ENE	.5	1.2	2.0	.8	.1	.0						5.3	7.8
E	1.1	3.3	6.4	3.7	.2							14.6	8.6
ESE	.5	3.0	5.5	2.7	.0							11.8	8.3
SE	.3	2.3	4.9	2.2	.1							9.9	8.5
SSE	.5	1.5	3.7	3.5	.3							9.5	9.7
S	1.3	2.3	2.5	.8		.0						7.0	6.8
SSW	1.0	1.9	1.5	.6	.0	.0						4.9	6.6
SW	.6	1.2	1.5	.5	.1	.0						3.9	7.4
WSW	.7	1.5	1.7	.7	.1							4.7	7.3
W	1.3	2.1	1.3	.8	.1							5.4	6.3
WNW	.6	1.0	.6	.2		.0						2.4	5.9
NW	.4	.7	.7	.3	.0							2.1	6.6
NNW	.1	.6	.6	.3	.0							1.6	7.4
VARBL													
CALM												3.6	
	10.1	25.4	39.0	20.6	1.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

6729

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS
STATION NAME ALL WEATHER CLASS
JUN MONTH ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.6	.4	.3	.1	.0						1.6	7.3
NNE	.5	.8	.7	.3	.1							2.4	7.0
NE	.5	1.4	2.1	.9	.0							4.8	7.7
ENE	.6	2.0	3.4	.7								6.9	7.0
E	1.5	5.0	6.5	2.3	.4	.0						15.7	7.8
ESE	.9	3.6	4.5	.8	.1	.0						10.0	7.1
SE	.3	2.2	3.0	.6	.1	.1						7.6	7.4
SSE	.9	2.1	2.6	1.2	.1							6.9	7.6
S	1.9	2.8	1.5	.4	.0							6.9	5.6
SSW	1.1	2.0	1.4	.5	.1	.0						5.0	6.3
SW	.6	2.0	2.4	.6	.2	.0						6.4	7.6
WSW	1.0	2.4	2.9	1.2	.1							7.5	7.3
W	1.4	2.6	1.4	.6	.0							6.1	6.0
WNW	.6	1.1	.4	.2	.0							2.4	5.7
NW	.4	.6	.3	.0	.0	.0						1.4	5.5
NNW	.4	.8	.3	.1	.0	.0						1.6	5.7
VARB												6.5	
CALM													
	13.8	22.1	34.6	11.2	1.4	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

6513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3	.3	.1	.0							.9	5.8
NNE	.4	.5	.4	.1	.0							1.4	6.1
NE	.2	1.2	.8	.2	.0							2.8	6.0
ENE	.7	1.8	1.7	.4	.0							4.5	6.4
E	1.9	5.1	4.7	.7	.0							12.5	6.4
ESE	1.0	4.6	4.5	.1								10.9	6.0
SE	1.3	3.5	4.9	1.1								10.8	7.0
SSE	1.7	3.4	3.8	1.1	.0							10.0	6.7
S	3.5	4.5	1.8	.4								10.2	4.8
SSW	1.5	3.3	1.6	.1								6.5	5.4
SW	.9	2.8	1.0	.2	.0							5.6	5.8
WSW	1.2	2.5	1.7	.3	.1							5.8	5.8
W	1.7	2.4	1.1	.2	.0	.0						5.5	5.2
WNW	.5	.9	.3	.1								1.8	5.1
NW	.5	.5	.2	.1								1.2	4.6
NNW	.2	.3	.1	.0								.7	5.3
VARBL													
CALM												8.8	
	18.5	37.7	29.7	5.1	.3	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

6754

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	.5	.1	.0	.0						1.9	6.0
NNE	.4	1.1	.9	.2	.0							2.7	6.4
NE	.9	2.2	1.0	.2	.1							5.0	6.1
ENE	.0	2.5	3.1	.5								6.7	6.9
E	2.4	7.4	6.1	.7	.0							16.7	6.1
ESE	1.9	5.4	4.0	.3								12.1	5.9
SE	1.2	3.7	3.7	.7	.0							9.4	6.6
SSE	1.7	3.3	2.9	.8	.0							8.7	6.3
S	2.3	2.8	1.5	.4	.0							7.1	5.1
SSW	1.5	2.2	1.3	.2	.0							5.2	5.3
SW	.7	1.8	1.2	.3	.0							4.0	6.2
WSW	1.0	1.4	.9	.1	.0							3.5	5.4
W	1.0	1.4	.6	.1	.0							3.2	5.1
WNW	.4	.4	.3	.1								1	5.5
NW	.3	.5	.3	.1		.3						1.2	6.0
NNW	.2	.4	.4	.1								1.1	6.1
VARBL													
CALM												10.3	
	17.2	37.2	29.9	5.0	.3	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

6692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS 5 SEP NORTH
ALL WEATHER CLASS ALL HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	1.4	.8	.0							4.0	7.6
NNE	.5	1.3	2.4	2.2	.1	.0						6.6	9.0
NE	.7	2.7	4.7	2.6	.2	.1						11.0	8.6
ENE	.9	3.7	5.1	2.3	.1	.0						12.2	7.9
E	1.7	7.0	8.9	2.0	.1	.0						19.6	7.2
ESE	1.0	4.4	3.5	.4	.0							9.9	6.1
SE	.8	2.8	2.1	.3								6.0	6.3
SSE	.5	1.4	1.2	.3	.0							3.5	6.7
S	1.4	1.1	.0	.2	.0							3.3	4.8
SSW	1.0	1.3	.7	.2								3.2	5.4
SW	.5	1.2	.0	.3								2.9	6.5
WSW	.2	1.0	.0	.3								2.7	6.5
W	1.0	1.4	.7	.2	.0	.0						3.4	5.4
WNW	.0	.8	.2	.1								1.8	4.6
NW	.4	.5	.4	.0								1.3	5.4
NNW	.2	.4	.6	.3	.0							1.6	7.7
VARBL													
CALM												7.1	
	12.7	32.4	34.3	12.0	.7	.0						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6507

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/CUCOA BEACH

67-76

STATION NAME

YEARS

UCI

MONTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.3	2.1	.3	.0						6.6	9.4
NNE	.3	1.2	2.2	2.4	.8	.1						7.0	10.8
NE	.5	2.1	4.0	4.7	1.4	.3	.0					12.9	10.8
ENE	.5	2.1	5.1	5.5	1.7	.3						15.2	11.0
E	1.1	4.2	5.8	4.9	1.0	.1						17.1	9.3
ESE	.6	2.0	2.0	.8	.2	.0						5.7	7.6
SE	.4	1.3	1.5	.5	.3	.0						4.0	8.1
SSE	.3	.8	1.2	.8	.2							3.2	8.6
S	.9	1.0	.7	.3	.0							2.9	5.9
SSW	.6	.8	.9	.3								2.6	6.4
SW	.4	.6	.5	.3	.0							1.8	6.6
WSW	.5	.6	.3	.1								1.5	5.1
W	.7	1.3	.8	.2								3.0	5.6
WNW	.8	1.2	1.6	.3								4.0	6.4
NW	.5	1.2	1.4	.5								3.6	6.9
NNW	.6	1.4	1.8	.9	.1							4.7	7.6
VARBL													
CALM												4.2	
	9.2	23.2	32.2	24.2	6.0	.9	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

6730

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/CDCOA BEACH

67-76

NOV
MONTH

YEARS

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.2	3.6	2.7	.6	.3						9.9	9.2
NNE	.4	1.1	2.0	1.6	.3	.3						5.4	9.3
NE	.0	1.2	1.9	1.7	.3							5.6	9.1
ENE	.0	1.5	2.4	2.1	.1							6.7	8.6
E	.7	2.7	3.0	2.1	.0	.4						9.1	8.2
ESE	.8	1.9	1.5	.4	.0							4.6	6.2
SE	.6	2.0	2.0	.3								4.9	6.5
SSE	.3	1.4	2.4	.6	.0							4.7	7.7
S	1.2	1.4	1.1	.4	.0							4.0	5.9
SSW	.7	1.1	1.0	.4	.0							3.3	6.5
SW	.7	.8	1.2	.6	.0							3.4	7.1
WSW	.7	1.2	1.1	.3	.0							3.3	6.1
W	1.3	2.1	1.5	.0	.1	.0						5.6	6.5
WNW	1.2	1.2	1.7	1.1	.3							5.5	7.8
NW	1.0	1.5	2.0	1.9	.4	.0						7.4	8.9
NNW	.7	2.9	3.0	2.6	.4	.0						10.8	9.0
VARBL													
CALM												5.8	
	12.2	20.1	33.4	19.5	2.7	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

6500

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76 YEARS DEC MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.9	2.3	.3	.1	.0					8.8	6.6
NNE	.7	1.8	1.5	.4	.0	.0						4.5	6.7
NE	.4	1.7	.9	.4	.1	.0						4.0	6.5
ENE	.3	1.3	1.1	.4	.2	.2	.0					3.9	8.0
E	1.2	2.5	2.0	1.2	.0							7.0	6.8
ESE	1.0	1.7	1.2	.1								4.1	5.5
SE	.3	2.2	2.4	.6	.0							6.0	6.8
SSE	.7	2.3	3.2	1.3	.0							7.6	7.7
S	1.2	2.1	2.3	1.0	.0							6.6	7.0
SSW	.8	1.2	1.1	.9	.1							4.1	7.3
SW	.6	1.1	1.0	.3								2.9	6.4
WSW	.6	.9	.9	.1	.0							2.5	6.2
W	1.1	1.6	2.0	1.1	.1							5.8	7.3
WNW	.9	1.7	2.1	1.4	.2	.0						6.4	8.1
NW	1.1	2.1	2.5	1.6	.4	.0						7.8	8.1
NNW	1.4	2.9	3.8	2.3	.5	.0						10.9	8.1
VARBL													
CALM												7.0	
	14.9	29.3	30.9	15.5	2.0	.4	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6710

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

87-75

YEARS

JAN
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.2	2.1	2.3							7.1	8.8
NNE	.7	1.6	.3	.3								2.9	5.3
NE	1.1	1.6	.3	.6	.3							4.1	7.1
ENE		1.5	.2									2.1	6.3
E	.2	1.6	2.2	.8								5.2	7.2
ESE	.4	.3	.1	.1								1.0	4.7
SE	.3	1.4	.8	1.0								3.4	7.9
SSE	.2	1.5	1.2	.7								4.0	7.0
S	4.0	4.5	2.2	.1								10.8	4.7
SSW	1.0	3.3	1.9									6.2	5.4
SW	1.0	2.1	.8	.1								4.7	4.7
WSW	1.0	.8	.1	.1								2.7	3.8
W	1.5	1.8	1.2	1.0								5.5	6.6
WNW	1.0	2.2	2.1	1.4	.3							6.9	7.7
NW	2.1	1.2	2.9	1.9	.3							8.4	7.7
NNW	1.2	2.6	2.7	3.8	.3							10.7	8.8
VARBL													
CALM												14.4	
	18.7	29.6	21.7	14.3	1.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

729

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-74 MONTH JAN
CLASS ALL WEATHER. HOUSE (L.S.T.) 0300-0500

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.3	2.3	2.3	.3							8.8	8.3
NNE	.3	.6	.4									1.2	5.2
NE	.6	1.7	1.5	.4	.4							4.4	8.2
ENE	.6	1.2	.6									2.3	5.1
E	1.0	1.7	.6	.4								3.9	6.0
ESE	.7	.4	.6	.3								1.9	6.1
SE	.6	.7	1.4	.3								2.9	7.1
SSE	.1	1.2	1.2	.6								3.2	7.6
S	2.6	2.1	1.0	.1								5.8	4.5
SSW	2.8	3.5	1.5	.4								8.1	4.9
SW	1.0	3.0	.6	.4								5.2	5.4
WSW	1.1	1.7										2.8	4.0
W	1.6	1.4	1.0									4.1	4.7
WNW	1.4	2.5	2.2	1.2								7.3	6.6
NW	2.2	1.8	4.1	2.3	.3							10.8	7.6
NNW	1.4	2.1	2.9	3.2	.4	.1						12.2	9.9
VARBL													
CALM												14.9	
	19.4	27.8	22.5	14.1	1.4	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 724

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

JAN
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.5	3.2	2.7	.5							9.8	8.7
NNE	.2	.9	.1	.2								1.5	5.5
NE	.2	1.2	.8	.2								2.2	6.5
ENE	.1	.8	1.3	.5	.4							3.1	8.6
E	.7	.6	.9	.6								2.8	6.9
ESE	.7	.6	.7	.1								2.1	5.6
SE	.5	.4	.9									1.8	6.4
SSE	.7	1.3	1.3	.4								3.7	6.5
S	1.1	2.4	1.5	.5	.1							5.8	6.4
SSW	1.9	3.2	1.6	.2								6.9	5.4
SW	1.1	1.6	.2	.1								3.3	4.4
WSW	.9	1.9	.7									3.5	4.7
W	1.5	1.2	.4									3.1	3.9
WNW	1.9	1.8	2.2	.2								6.4	5.9
NW	2.2	2.7	4.1	1.5	.5							11.1	7.4
NNW	1.6	3.1	6.4	4.1	.4	.1						15.8	8.7
VARBL													
CALM												17.2	
	16.4	22.0	26.7	11.7	1.6	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

849

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

67-76

STATION NAME

YEARS

JAN
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	4.0	3.7	.3							12.1	9.0
NNE	.2	1.0	1.0	.3	.3							2.8	7.9
NE	.8	1.1	.3	.2								2.4	5.1
ENE	.3	.7	1.9	.4	.3							3.6	8.7
E	1.3	1.6	1.0	.7								4.6	6.2
ESE	.8	.5	.7	.3								2.3	6.0
SE	1.0	1.0	.7	.2								2.8	5.3
SSE	.7	1.4	2.6	.2								5.5	7.3
S	.7	2.0	1.1	1.5								6.2	8.0
SSW	1.2	2.3	2.0	1.6								8.0	7.4
SW	1.0	1.3	1.6	.7								4.6	6.6
WSW	1.6	1.3	.7	.2								4.0	5.2
W	1.0	1.6	1.1	.4	.1							4.9	5.8
WNW	1.0	1.6	.9	.4	.1							4.0	6.4
NW	1.5	.4	3.6	2.6	.1							10.5	7.9
NNW	1.1	3.7	6.9	3.8	.5							16.1	8.8
VARBL												5.5	
CALM												100.0	7.1
	16.2	22.7	32.6	18.0	1.9								

TOTAL NUMBER OF OBSERVATIONS

915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS JAS4 BORTA 1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.2	5.7	5.4	.3							14.1	9.6
NNE	.3	2.1	3.5	1.3								7.5	7.7
NE	1.0	2.5	2.1	.2	.3							6.1	6.8
ENE	1.2	3.3	2.4	.8								7.7	6.3
E	1.4	3.0	2.4	.2								7.5	5.7
ESE	.9	3.8	1.2	.2								6.1	5.3
SE	.5	2.2	3.4	.4								6.6	7.1
SSE	.4	1.1	3.0	2.1								6.6	8.8
S	.5	.4	1.6	1.1								3.7	8.3
SSW		.3	2.0	2.6								4.9	10.8
SW	.4		1.6	1.2	.1	.1						3.5	10.2
WSW	.2	.4	1.5	.4	.1							2.7	8.6
W	1.2	1.3	1.1	1.2	.3							5.2	7.9
WNW	.7	.7	1.4	1.4	.5							4.7	9.6
NW	.5	.9	.9	1.4	.3							4.1	9.2
NNW	.2	1.5	3.2	2.7	.2							7.9	9.6
VARBL												1.1	
CALM												100.0	8.1
	10.9	22.8	37.1	22.8	2.3	.1							

TOTAL NUMBER OF OBSERVATIONS

912

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME YEARS JAN 1976 MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	3.2	8.3	.3	.2						13.2	11.9
NNE	.2	1.9	4.2	2.0								8.6	8.3
NE	.3	3.8	3.6	.7								8.9	6.8
ENE	1.1	4.0	1.6	.2								7.4	6.0
E	1.6	4.1	2.0	.9								8.7	6.0
ESE	1.8	3.6	1.1	.2								6.7	4.8
SE	.7	4.2	4.0	1.0								9.8	6.8
SSE	.2	1.4	4.5	2.2								8.5	3.9
S	.2	.4	1.1	.4	.1							2.3	3.0
SSW	.1	.5	1.3	.9								3.1	9.0
SW	.2	.5	2.0	1.0	.3							4.1	9.8
WSW	.4	.1	.3	.2								1.4	8.2
W	.3	1.9	2.0	1.5	.2							5.9	9.0
WNW	.5	.9	1.4	2.1	.2							4.9	9.7
NW	.5	.5	.7	.6	.2							2.2	10.6
NNW	.1	.3	1.3	1.4	.3							3.7	10.7
VARBL												.8	
CALM													
	8.7	20.9	35.2	24.3	1.8	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

911

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COLDA BEACH STATION NAME 57-76 YEARS JAN MONTH 1800-2000 HOURS (U.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.8	5.3	5.2	.7							15.0	9.5
NNE	.4	2.6	1.6	.0	.2	.2						5.8	7.7
NE	1.2	2.6	.6	.1								4.7	4.8
ENE	1.3	3.1	1.3	1.1								7.0	6.3
E	2.2	3.1	1.4	.4								7.2	5.3
ESE	1.0	1.2	.2	.4								3.3	5.7
SE	1.3	4.6	3.2	.4								10.0	5.9
SSE	1.3	4.4	5.4	.9								12.0	6.7
S	1.5	2.6	.6	.2								3.2	5.0
SSW	.4	.9	.6	.2								2.3	6.8
SW	.2	.7	.7	.2								2.0	7.1
WSW	.2	.7	.4	.0	.1							2.0	7.7
W	.6	2.3	1.9	.6								5.3	6.6
WNW	.2	.7	1.4	1.4								3.7	9.3
NW	.3	.3	.4	.4	.4							1.5	12.6
NNW	.2	1.2	2.4	2.2	.6							6.4	10.1
VARBL												6.6	
CALM												100.0	5.8
	13.5	33.8	28.9	15.0	2.0	.2							

TOTAL NUMBER OF OBSERVATIONS

909

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/CUCOA BEACH STATION NAME ALL WEATHER CLASS YEARS 67-76 MONTH JAN NORTH 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.1	4.5	2.6	.4							12.1	8.5
NNE	1.0	1.1	.0	.4	.2							3.3	6.7
NE	.0	1.4	.6		.2							3.2	5.8
ENE	1.1	1.8	1.0	.4								4.3	5.9
E	1.2	1.3	2.0	1.1								5.6	7.0
ESE	.0	.4	1.3	.4								2.6	7.0
SE	1.7	1.9	1.0	1.1								5.6	6.2
SSE	1.7	3.7	2.6	.1								8.3	5.6
S	3.4	5.2	2.3	.1								11.0	4.6
SSW	1.0	1.5	.9									4.3	4.4
SW	.0	1.2	.6	.1	.1							2.5	5.8
WSW	.9	1.1	.3	.1								2.4	5.2
W	.8	1.9	1.4	1.2								5.3	7.4
WNW	.4	2.1	2.1	.9		.1						5.6	7.8
NW	1.5	.3	1.3	1.1	.1							4.4	7.6
NNW	.8	1.7	3.6	2.2	.4							8.7	9.1
VARBL													
CALM												10.6	
	19.5	29.8	26.0	1.9	1.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867

PATRICK AFB FL/COCOA BEACH

57-74,76

STATION NAME

YEARS

FEB

MONTH

0000-0200

HOURS (L.G.T.)

ALL WEATHER
CLAIM

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	2.7	2.1	.6	.2						9.6	8.4
NNE	.5	.8	.2	.5	.3							2.1	8.7
NE	.4	.3	.5	.3								1.8	6.4
ENE	.2		.2	.3								.6	10.3
E	.3	.3	.7	.3								1.8	7.3
ESE	.0	.2	.7	.3								2.0	7.2
SE	1.1	.3	.8	.6								2.7	6.6
SSE	.2	.3	.8	.6		.2						1.8	9.8
S	1.8	4.1	3.5	1.7	.2							11.1	6.9
SSW	1.7	2.9	3.2	.3								8.0	6.0
SW	1.1	2.0	1.2	.8								5.0	6.5
WSW	.6	1.5	1.7	.2								3.9	6.2
W	1.4	3.0	4.2	1.7								10.2	7.3
WNW	1.2	3.2	3.6	3.2	.3							11.4	8.5
NW	.3	2.4	3.0	2.3	.3							8.3	6.9
NNW	.8	2.0	3.9	3.6	.9							11.1	9.9
VARBL													
CALM												8.7	
	13.8	25.4	30.6	16.5	2.6	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

666

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
PATRICK AFB FL/COCOA BEACH
STATION NAME
ALL WEATHER
CLASS
YEAR
67-74, 76
MONTH
FEB
HOURS (L.S.T.)
0200-0500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	1.8	2.2								7.6	7.9
NNE	1.2	.3	.1	.0								2.2	5.9
NE	.1	.4	.7	.1								1.5	7.1
ENE	.1	.1	.3	.3								.9	8.0
E			.9	.1								1.0	9.1
ESE	.4	.4	1.0	.6								2.5	8.2
SE		.1	.9	.4								1.5	8.8
SSE	.4	.4	.4	.3								1.6	6.3
S	1.9	2.7	2.7	1.8	.3	.1						9.6	7.4
SSW	2.5	2.1	1.6	.3								6.6	5.1
SW	1.8	.9	1.0	.7	.1							4.6	6.3
WSW	1.6	1.5	1.9	.1		.3						5.7	6.6
W	1.5	3.0	2.7	.3								7.5	6.2
WNW	1.2	2.8	3.1	2.1	.3	.1						9.7	8.3
NW	.7	3.0	3.0	5.1	.4							12.2	9.6
NNW	1.0	4.6	5.1	5.1	.3							16.1	8.7
VARIABLE													
CALM												9.1	
	15.4	24.6	27.5	20.3	1.5	.0						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS
670

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS FEB MONTH
0600-0300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.0	3.5	.1							8.6	8.5
NNE	.1	.8	.4	.3								1.6	6.5
NE	.3	.9										1.1	6.8
ENE	.4	.5	.4	.5								1.8	6.9
E	.1	.5	.5	.1								1.3	7.3
ESE	.3	.5	.5	.5								1.8	8.2
SE	.4	1.0	.8	.1	.3							2.4	7.2
SSE		.4	.3	.3	.1							1.0	9.0
S	2.4	3.0	2.7	.5	.5	.1						9.5	6.8
SSW	.9	2.2	1.0	.4	.3	.5						4.9	7.3
SW	1.3	1.4	.9	.4								3.9	5.2
WSW	1.4	1.8	.8	.1								4.1	4.8
W	2.7	1.6	2.8	.8	.4							8.2	6.7
WNW	1.1	3.0	2.0	1.5	.4		.1					8.2	7.9
NW	1.3	4.3	3.8	5.5	.3							15.6	8.6
NNW	2.2	2.7	6.2	3.4	.8	.1						15.4	8.7
VARIABLE												10.4	
CALM												100.0	6.8
	16.5	25.8	25.6	18.0	2.8	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 788

5
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 1280.7 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 61-76 MONTH FEB
0900-1100 HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	3.4	4.0	.1							12.1	8.5
NNE	.8	1.7	.9	1.2								4.6	7.3
NE	.2	.6	.9	.1								2.1	6.1
ENE	.0	1.2	.7	.2								2.7	5.8
E	1.1	1.2	.0	.6								3.7	6.2
ESE	.2	1.1	.7	.1								2.4	5.8
SE	.8	.5	1.2	.2	.1							3.2	7.7
SSE	.5	.4	1.2	.0	.1							3.1	8.8
S	.2	.7	3.1	2.0	.1	.1						6.6	9.7
SSW	.8	1.7	1.7	1.0	.0							6.6	9.1
SW	1.1	1.7	1.5	.9	.2							5.5	7.6
WSW	.8	.7	1.2	.2								3.0	6.2
W	.9	1.5	1.4	.7	.8	.1						5.6	8.9
WNW	1.1	1.4	3.1	2.0	.0							8.4	8.9
NW	1.1	1.9	3.4	3.1	.2							9.7	8.8
NNW	.0	4.5	5.1	6.2	.2	.4						17.2	9.5
VARBL													
CALM												3.6	
	13.2	21.5	30.8	24.4	3.0	.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

844

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

STATION	PATRICK AFB FL/CINCOA BEACH	YEARS	67-76	MONTH	FEB
		STATION NAME		HOURS (L.S.T.)	1200-1400
			ALL WEATHER		

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.0	4.3	5.1	.4		.1					12.8	10.0
NNE	.0	2.3	4.6	3.7	.2							11.4	9.0
NE	.1	2.6	2.1	.8								5.7	7.2
ENE	.5	2.7	1.2	.2								4.6	5.7
E	1.5	4.5	2.5	.5								9.1	5.7
ESE	.4	2.0	.6	.5								3.7	6.6
SE	.0	1.1	1.4	1.9		.1						5.1	9.0
SSE	.4	1.2	2.3	1.6	.4							5.9	9.2
S	.4		.6	1.4	.1							2.5	10.8
SSW		.5	.6	1.9	.2							3.4	11.4
SW	.1	.9	1.2	2.3	.2							4.7	10.4
WSW	.2	.5	1.2	1.1	.5							3.4	10.2
W	.5	1.1	2.5	1.4	1.1	.6						7.1	11.6
WNW		.8	2.5	1.9	.9	.1						6.4	11.4
NW	.6	.9	1.3	1.3	.5							4.6	9.3
NNW	.8	1.8	3.7	2.0			.2					8.5	8.8
VARBL													
CALM												.8	
	7.6	24.9	33.2	27.8	4.5		.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

843

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12897 STATION NUMBER PATRICK AFB FL/COCOA BEACH STATION NAME YEARS 67-76 FEB MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.8	4.1	6.5	.6	.2						12.4	11.4
NNE	.2	.6	4.0	3.7	.2							9.6	10.1
NE	.4	2.5	4.2	1.1								8.1	7.7
ENE	1.0	3.0	2.2									6.1	5.8
E	1.0	4.9	3.2	.4								10.0	6.0
ESE	.8	3.0	1.7	1.1								7.2	6.6
SE	.4	1.9	1.2	1.4	.4							6.0	8.7
SSE	.2	1.1	3.1	3.0	.1							8.1	10.2
S		.8	.4	.6	.1							1.8	6.3
SSW		.6	.6	.6	.1							2.2	9.9
SW		.4	1.0	1.2	.4		.1					3.6	11.4
WSW	.2	.4	1.4	1.9	.4							4.3	10.8
W	.4	1.0	3.7	2.9	1.3	.4						9.6	11.5
WNW	.1	.7	2.2	1.2	.6	.1						5.3	10.5
NW	.2	1.2	1.2	.7	.1							2.3	9.5
NNW	.1	.6	.6	1.2	.2	.1						3.1	11.0
VARBL													
CALM												.5	
	5.4	22.8	37.5	28.0	4.4	.4	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12887
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

FEB
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.2	4.9	7.0	.0							15.3	10.2
NNE	.7	2.0	3.0	1.2								7.5	7.4
NE	.0	2.2	1.6	.1								4.4	6.1
ENE	.7	2.3	.0									3.8	5.0
E	1.1	2.2	1.4	.7								5.4	6.4
ESE	1.0	1.8	1.1	1.0								5.4	6.4
SE	1.2	2.4	1.7	1.1								6.3	6.7
SSE	1.7	1.9	4.4	3.0	.1							11.1	8.5
S	.0	1.6	1.3	.5	.1							4.3	7.1
SSW	.2	.7	.0	.2	.1							2.2	7.7
SW	.1	.5	.0	.1	.1							1.7	7.9
WSW	1.0	.8	1.0	.5	.2							3.7	8.1
W	.7	2.3	3.3	2.7	1.1							10.2	9.5
WNW	.1	2.2	2.2	1.7	.1							6.2	8.9
NW	.1	.5	.7	.0	.2							2.2	9.9
NNW	.5	.0	1.0	1.0	.2							3.8	9.8
VAREL													
CALM												6.6	
	11.7	20.5	30.0	22.0	3.2							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12857 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76 MONTH FEB

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	3.5	4.8	.2							13.7	6.5
NNE	.4	1.2	1.3	.2	.2							3.4	7.5
NE	1.1	1.1	.4	.1								2.6	4.7
ENE	.2	.7	.7									1.7	5.9
E	.4	2.8	1.0	.4								4.7	5.9
ESE	1.0	.8	1.4	.1								3.4	6.0
SE	.5	.7	1.1	.2	.1	.1						2.8	8.0
SSE	1.6	1.3	1.9	.8	.1	.1						5.8	7.2
S	3.0	4.3	3.8	.8								12.0	5.9
SSW	1.1	1.7	1.1	.1								4.0	5.2
SW	.7	1.4	.4	.1								2.6	5.3
WSW	1.0	.5	1.4	.4								3.2	6.7
W	1.0	2.3	5.5	3.2	.5							12.5	9.1
WNW	.2	.8	2.2	1.8								5.3	9.0
NW	.2	.5	.8	1.3	.4							3.2	10.1
NNW	.7	2.0	3.0	2.8	.1							8.5	8.8
VARBL													
CALM												10.7	
	15.2	25.5	29.5	17.4	1.7	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 833

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/CUCCA BEACH STATION NAME 57-74 YEARS
MAR
MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	%	MEAN WIND SPEED
N	.7	1.1	1.5	1.2	.3						4.7	8.5
NNE	.5	2.0	1.3	.5	.1						4.9	6.7
NE	.9	1.2	.2	.4	.1						3.2	6.2
ENE	1.2	.9	1.4	.3	.1						4.3	7.0
E	1.3	1.9	2.2	1.3							7.2	6.8
ESE	.8	1.1	.5	.4							2.9	5.6
SE	.9	2.3	2.5	1.2	.1						6.9	7.4
SSE	1.2	2.0	3.2	2.0	.3						8.8	8.2
S	3.0	3.0	2.7	1.1	.1						10.5	5.9
SSW	1.2	1.8	1.0	.5							5.1	6.2
SW	.4	.7	1.3	.9							3.4	7.9
WSW	.5	1.9	2.0	1.2							5.7	7.3
W	.1	2.2	5.5	1.1	.4	.1					9.9	8.5
WNW	.9	.5	2.0	1.2	.5	.3					6.1	9.7
NW	.1	.5	1.0	1.3	.1						3.9	10.1
NNW	.7	.5	.8	1.0	.3						3.9	9.4
VARBL												
CALM											8.8	
	16.5	23.6	31.2	17.0	2.6	.4					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

741

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/CUCOA BEACH YEARS 67-75 MAX MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.6	1.2	2.3	.3							6.2	9.3
NNE	.3	1.6	.6	.3								3.8	6.1
NE	.6	.8	.7									2.3	5.1
ENE	.7	1.6	1.1	.7	.1							4.2	6.9
E	1.2	2.2	.7	.8								4.9	6.1
ESE	.7	.5	.8	.3								2.6	6.5
SE	.5	1.1	.6	.6	.1	.1						3.5	8.3
SSE	.6	1.8	2.4	.4	.1							5.5	6.8
S	2.7	3.5	2.3	1.3								10.0	5.2
SSW	1.6	2.7	3.0	.6	.1							8.3	6.9
SW	.3	2.2	1.4									3.8	6.0
WSW	.7	2.4	.7	.4								4.2	5.3
W	.5	1.8	2.6	1.1	.5							6.8	8.6
WNW	1.2	1.9	2.6	1.1	.7							7.4	8.3
NW	.7	2.8	1.5	2.0	.4	.1						7.6	8.6
INW	.7	.4	1.6	2.3	.3							5.4	10.1
VARBL												13.5	
CALM												100.0	6.4
	14.7	29.0	24.5	15.3	2.7	.3							

TOTAL NUMBER OF OBSERVATIONS 739

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS MAR MONTH 0600-0800 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.0	2.1	2.3	.1							7.3	8.4
NNE	.0	1.0	.4	.4								2.5	6.2
NE	.3	.6	.3	.2								1.5	6.2
ENE	.9	1.6	.8	.3	.3							3.9	7.2
E	.9	.8	1.0	1.1								4.4	7.7
ESE	.9	1.3	1.0	.6								4.0	6.8
SE	.1	1.6	1.1	.2								3.0	6.7
SSE	.6	1.8	1.2	.8	.1	.1						4.8	7.5
S	1.6	3.5	3.1	1.5	.1							9.7	6.9
SSW	1.5	2.0	2.6	1.1								7.3	6.8
SW	.3	2.1	.7	1.0								4.4	7.4
WSW	.7	2.3	1.2	.4								4.9	6.2
W	.3	2.3	2.9	.7	.4							7.0	7.1
WNW	.4	1.7	1.7	.8	.1	.1						4.8	8.3
NW	.0	.9	2.7	2.0	.0							6.7	9.6
NNW	.4	1.5	4.6	3.2	.7							10.8	10.1
VARBL													
CALM												13.1	
	11.4	26.9	28.7	17.6	2.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

895

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

MAN
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.2	2.7	3.1	.5	.1						7.6	10.8
NNE	.7	1.1	2.2	1.3	.2	.1						5.5	8.7
NE	.3	1.7	.7	.5								3.3	6.4
ENE	1.0	2.6	.7	1.5	.1							6.1	7.1
E	2.1	2.8	2.1	1.4								8.4	6.5
ESE	.9	2.6	1.4	.5								5.4	6.2
SE	1.0	2.3	3.0	.9								7.2	6.8
SSE	.4	1.0	2.5	1.6								5.3	8.6
S	.5	.5	3.7	2.5	.1							7.6	9.4
SSW	.5	1.4	2.4	2.8	.4							7.6	9.8
SW	.1	1.4	1.3	1.4	.1							4.3	9.3
WSW	.4	1.2	1.2	1.2								4.0	8.1
W	1.5	2.0	1.7	1.7	.1							7.1	7.4
WNW	.2	.5	1.0	2.2	.1							4.0	10.0
NW		1.3	1.4	2.0	.4							5.1	10.1
NNW	.3	1.6	4.1	2.7	.5							9.3	9.5
VARBL													
CALM												2.2	
	10.0	24.3	32.5	27.5	2.7	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

921

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA BEACH 57-76 YEAR MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.0	2.5	.5							5.7	10.9
NNE	.1	.4	2.0	3.0	.4							7.6	11.2
NE	.2	1.8	4.1	3.1								9.3	9.1
ENE	.1	4.3	2.9	1.3								8.6	7.3
E	1.2	5.0	5.7	1.1								13.0	6.8
ESE	.0	9.0	4.9	.5								10.8	6.6
SE	.2	1.7	5.2	2.0	.1							9.8	9.1
SSE		.3	3.2	3.0								6.6	10.9
S	.1		1.0	.9	.1	.1						2.2	11.8
SSW	.1	.1	.9	.9	.8	.1						2.8	12.4
SW		.4	.5	2.3	.4							4.1	12.9
WSW	.2	.5	1.2	2.1	.6							4.6	11.4
W		.4	.0	2.7	.5	.1						4.5	12.2
WNW	.1	.1	1.9	2.6	.1							5.1	10.8
NW		.3	.5	.8	.1							1.8	10.4
NNW	.2	.5	1.2	1.1	.1							3.1	9.6
VARBL													
CALM												.2	
	3.0	22.1	38.0	31.1	3.9	.5						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/CECOSA BEACH YEARS 67-76 MAX MONTH 1500-1700 HOURS (L.S.T.)

ALL HAZARD CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	1.0	1.0	.7							4.2	11.8
NNE		.2	2.2	3.4	.1							7.9	17.0
NE	.3	.8	4.3	3.0	.1							8.6	9.7
ENE	.4	3.1	5.3	1.8								10.7	7.9
E	.5	5.7	5.0	.8								12.0	6.7
ESE	.3	4.9	3.0	.3								9.3	6.6
SE	.1	2.9	7.0	3.1	.1							13.4	9.1
SSE	.2	.8	4.4	5.3	.4							11.4	10.7
S		.3	.5	.9								1.7	10.3
SSW				.9	.1	.1						1.1	14.3
SW			.5	1.5	.7	.7						2.9	14.6
WSW			1.1	1.7	1.1	.1						4.0	13.8
W		.2	2.0	3.9	.8	.1						7.0	12.8
WNW		.2	1.0	1.9	.2							3.7	11.3
NW		.1	.2	.3								.7	10.2
NNW	.1	.3	.3	.1								1.1	9.2
VARBL												.2	
CALM													
	2.1	19.4	40.7	32.9	4.6	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION NUMBER PATRICK AFB FL/COCOA BEACH STATION NAME 07-76 YEARS MAR NORTH
1500-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	1.9	.4	.4							5.7	10.4
NNE	.1	.8	3.5	2.5	.4							7.3	10.4
NE	.1	2.1	2.0	.8								5.6	7.8
ENE	.5	2.1	3.1	1.0	.1							7.4	8.2
E	2.5	4.2	2.3	.9	.2							9.9	6.1
ESE	1.1	3.7	1.2	.2								6.2	5.4
SE	.7	4.8	0.6	2.0								14.2	7.6
SSE	.5	2.5	0.9	4.9	.1							14.9	9.1
S	.2	1.1	2.4	1.2	.2							5.1	8.8
SSW	.2	.3	.5	.5	.1							1.5	5.6
SW	.7	1.1	1.0	1.0	.2							2.9	9.9
WSW	.4	1.7	1.0									3.2	10.2
W	.7	2.1	2.5	3.3	.8							8.8	9.9
WNW	.1	.3	1.5	1.2	.3							3.5	10.8
NW	.3	.4	.2	.2		.1						1.1	10.1
NNW	.1	.2										.3	6.0
VARBL													
CALM												2.3	
	6.1	26.4	38.7	23.2	2.9	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

918

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76 MAX MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.1	3.5	1.8	.1							8.3	7.9
NNE	.7	1.7	1.3	.7								4.4	6.9
NE	.7	.9	1.2	.8	.4							4.0	8.5
ENE	.4	1.2	1.9	1.9	.1							5.6	9.4
E	1.7	2.0	2.0	.8								7.1	6.5
ESE	1.9	1.5	.7	.4								4.7	5.3
SE	1.1	3.8	3.8	1.1								9.9	6.7
SSE	1.1	3.0	5.4	2.7								12.0	7.9
S	1.8	3.1	4.3	1.9								11.1	7.1
SSW	1.0	1.1	1.0	.2								3.4	5.6
SW	.2	.9	1.2	.7	.1							3.1	8.4
WSW	.4	1.5	1.2	1.2	.1							4.5	7.9
W	.6	1.7	4.1	2.1	.4	.1						9.1	9.2
WNW	.3	1.0	1.9	1.3	.2							4.4	9.2
NW	.1	.2	.4	.4								1.5	8.2
NNW		.6	.6	.2	.1							1.5	8.0
VARBL													
CALM												5.6	
	13.1	20.3	34.8	18.4	1.7	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

592

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-74 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.0	.3								3.0	7.7
NNE	.1	.1	.1	1.0	.1							1.6	11.5
NE	.9	.9	2.1	.7	.1							3.9	8.7
ENE	.3	.1	.9	2.7	.7							4.8	12.1
E	.7	2.4	2.8	3.7	.3							10.0	9.0
ESE	.7	2.2	3.4	1.0								8.0	8.0
SE	.3	1.9	3.1	1.2								6.6	7.0
SSE	.7	1.3	1.9	.7								4.8	7.1
S	2.2	3.2	6.1	.7								14.6	6.2
SSW	1.4	2.8	2.8	.9								8.3	6.4
SW	1.9	2.2	2.2	.9								7.0	5.9
WSW	.1	1.9	1.0	.3								4.0	6.8
W	1.5	2.8	6.0	.9								11.8	7.3
WNW	.3	1.6	1.9	.9								4.8	7.7
NW	.1	.3	.0	.3								1.3	8.0
NNW	.1	.4	.4	.6								1.6	8.2
VARBL													
CALM												3.9	
	11.0	27.4	38.5	17.3	1.3							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 671

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION 12807 PATRICK AFB FL/COCOA BEACH 67-76 YEARS MONTH APR
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.3	.5								3.1	7.7
NNE	.3	.3	.3	.3								1.2	7.6
NE		.6	1.9	.9								3.4	9.3
ENE		1.3	1.8	2.4	.6							6.1	10.6
E	.7	1.8	2.4	2.4	.3							7.4	8.9
ESE	.8	1.2	3.1	1.2								6.1	8.4
SE	.3	2.1	1.2	.6								4.9	7.2
SSE	.4	1.8	1.2	1.0								5.2	7.4
S	1.5	2.9	2.4	.7								10.8	5.9
SSW	1.3	3.3	1.8	.9								7.1	6.1
SW	1.2	2.1	3.1	.7								7.6	6.6
WSW	1.3	3.7	1.2	.1								6.7	5.5
W	.7	4.5	4.5	.1								9.8	6.4
WNW	.9	2.2	2.4	.9								6.4	6.8
NW	.8	1.5	1.2	1.4								4.5	7.3
NNW	.8	.4	.9	1.8								3.0	8.8
VARBL													
CALM												6.7	
	11.4	34.7	32.1	12.4	.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

673

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

APR
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.0	2.1	1.4	.2							5.5	8.3
NNE		.6	.3	.0								1.5	8.8
NE	.2	.8	1.2	1.2	.3							4.0	10.1
ENE	.3	1.8	1.7	1.4	.2							6.0	8.8
E	.7	1.6	3.1	3.1	.2							8.8	9.2
ESE	.5	.9	2.2	.9								4.5	8.1
SE	.3	.9	2.1	.5								3.9	7.6
SSE	.1	1.5	2.2	1.2								5.0	8.2
S	2.0	2.9	2.5	1.2								8.6	6.1
SSW	2.1	3.8	2.1	1.0	.1							9.1	6.2
SW	1.2	2.2	1.6	.2								5.8	6.1
WSW	1.0	2.8	2.2	.2								7.3	6.0
W	1.4	3.5	1.2	.1								6.5	5.3
WNW	.7	2.8	1.4	.2								5.1	6.0
NW	.7	1.5	2.1	1.4	.2							5.9	8.3
NNW	.2	2.3	1.0	2.2								6.4	8.1
VARBL													
CALM												6.1	
	13.3	31.0	30.5	17.7	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

865

5
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS APR MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.7	2.0	.1	.7						5.0	10.5
NNE	.2	1.7	1.7	2.3	.3							6.3	9.6
NE	.3	1.8	2.0	1.5	.2							5.8	8.6
ENE	.6	2.9	3.6	1.7	.3							9.3	8.2
E	.6	2.9	4.2	4.4								12.3	8.9
ESE	.3	2.3	3.7	.8								7.2	7.6
SE	.7	2.0	3.8	.7								6.7	7.8
SSE	.3	.4	3.2	2.3	.2							6.6	9.8
S	.9	.9	1.6	2.2	.7							5.1	10.5
SSW	.6	.9	2.0	1.3	.1							4.9	8.4
SW	.1	1.1	2.2	1.1	.6							5.4	9.5
WSW	.2	2.2	2.6	1.2	.2							6.7	8.3
W	.9	1.8	2.0	.7								5.4	6.7
WNW	.2	1.7	1.2	.3								3.5	6.8
NW		1.0	1.2	.6	.1							2.9	8.3
NNW	.3	1.3	3.0	1.5								6.2	8.3
VARBL													
CALM												.8	
	5.3	26.0	40.7	24.0	2.5	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

67-76

APR

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	1.2	1.1	.1							2.7	10.7
NNE		.3	2.0	3.9	.6							6.8	12.1
NE		1.3	3.7	3.1	.1							8.3	9.9
ENE		2.0	5.0	2.3	.4							10.4	9.3
E	.2	5.4	11.3	4.9	.1							21.9	8.6
ESE	.2	2.5	10.3	1.1	.1							14.2	8.2
SE	.1	1.0	6.2	2.7								10.0	9.4
SSE		.1	2.1	3.1	.6							5.9	12.1
S			.3	.7	.2							1.7	12.1
SSW		.1	.4	.1								.7	9.3
SW		.2	1.0	.7	.4	.1						3.0	11.2
WSW	.1	.2	1.9	1.1	1.2							4.6	11.9
W	.1	.2	2.4	2.1	.1	.1						5.6	10.5
WNW		.3	.3	.4								1.1	9.1
NW	.1	.2	.4	.2								1.0	7.8
NNW		.6	.6	.7								1.8	9.3
VARB													
CALM												.3	
	1.0	14.7	51.3	28.4	4.0	.2						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/CUCCIA BEACH

STATION NAME

67-76

YEARS

APR
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.7	1.1	.2							2.0	12.6
NNE	.1	.2	1.7	5.4	.3							7.7	12.2
NE		.7	4.7	3.1	.2							8.7	10.1
ENE	.3	2.0	3.3	2.0								9.1	9.0
E	.3	2.8	12.2	3.9	.1							19.3	8.9
ESE	.1	2.0	7.0	1.9	.1							11.2	8.6
SE		1.7	9.2	4.7	.2							16.2	9.7
SSE		.4	2.7	6.5	1.1							10.7	12.3
S			.2	.2								1.0	9.6
SSW		.3	.7	.4								1.5	9.2
SW		.1	.7	.4	.2							1.5	11.6
WSW		.4	1.0	1.0	.6							3.6	11.4
W	.1	.4	1.5	1.9	.4	.2						4.9	11.3
WNW			1.5	.8								2.1	9.9
NW	.1		.1	.1								.3	9.0
NNW				.2								.2	13.0
VARBL													
CALM													
	1.1	11.2	49.3	34.0	3.0	.2						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

895

DATA PROCESSING TRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

APR
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	1.0	2.0								3.7	10.8
NNE		.4	2.9	2.2	.3	.2						6.2	11.1
NE		.8	2.0	1.0	.2							5.2	10.1
ENE	1.0	2.1	2.9	2.6								8.6	8.7
E	1.0	3.7	6.4	3.8								15.5	8.2
ESE	1.7	3.9	3.7	1.7								10.5	7.3
SE	.3	2.6	6.2	2.6								11.7	8.6
SSE	1.2	1.9	9.6	8.7	.4							22.0	10.0
S	.7	.6	1.2	.2								2.7	6.6
SSW		.2		.3								.6	10.0
SW		.2	.2	.4								.9	10.5
WSW	.1	1.0	1.0	.3	.1							2.6	7.8
W	.1	2.4	2.1	1.3	.1							6.1	8.4
WNW	.1	.4	.9	.8								2.2	9.3
NW		.1	.2	.1								.4	7.8
NNW			.1									.1	8.0
VARBL													
CALM												1.1	
	6.4	20.6	41.6	28.2	1.2	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME YEARS 57-76 APK NORTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.7	.0								3.5	7.7
NNE	.1	.8	1.1	1.9	.1	.1						4.2	11.0
NE		1.1	2.3	1.4								4.8	9.1
NNE	.4	1.7	2.3	2.1	.1							6.5	9.0
E	1.4	2.4	5.2	4.4	.2							13.5	9.0
ESE	1.4	2.6	2.7	2.1								8.7	7.5
SE	1.6	3.6	4.0	1.2								9.8	7.1
SSE	.3	3.0	5.7	2.6	.2							12.0	8.4
S	2.3	3.5	5.0	2.1	.1							13.6	7.2
SSW	1.0	1.1	1.2	.4								3.6	6.1
SW	.2	1.0	.6	.5	.1							2.4	7.8
WSW	.5	1.4	2.0	.5								4.4	7.2
W	1.0	2.1	3.1	1.2								7.7	7.5
WNW	.4	.7	.0	.4								2.3	7.4
NW			.7									.4	8.3
NNW			.1		.2							.4	15.0
VARBL													
CALM												2.5	
	9.9	22.7	38.8	21.8	1.2	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

840

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

47-73

YEARS

MAY
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.5	.6	.3	.5							4.5	7.9
NNE	.2	.5	.2	.6								2.2	6.4
NE	.2	1.2	1.4									2.3	6.3
ENE		.8	2.2									2.8	7.2
E	.2	2.2	2.6	4.3	.6							10.7	10.0
ESE	.2	1.2	5.3	2.2								9.6	8.5
SE	.2	1.5	5.7	2.2								10.0	8.6
SSE	1.1	1.5	2.6	1.5								6.8	7.7
S	3.1	2.9	4.2	1.1								14.2	6.1
SSW	3.2	4.0	2.0	.3								9.6	4.9
SW	.2	1.5	2.2	.2								5.6	7.3
WSW	.2	2.2	1.4	.2								5.4	6.6
W	1.4	2.3	.3	.2								4.3	4.6
WNW	1.2	1.5	.2									3.6	4.6
NW	.2	.5	.2	.3								2.0	7.6
NNW	.2	.3	.2	.2								.9	7.2
VARBL													
CALM												5.1	
	14.4	23.7	32.2	15.8	1.1							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 PATRICK AFB FL/COCOA BEACH YEAR 67-70 MONTH MAY
STATION NAME ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.0	.9	.3							4.8	7.4
NNE	.8	.5	.0	.2								2.2	3.7
NE	.3	1.2	1.4	.3								3.2	6.8
ENE	.0	.8	.0	.0								2.9	7.0
E	.9	1.4	3.4	3.2	.2							9.1	9.2
ESE	.2	1.5	4.5	2.0								8.8	9.1
SE		1.2	4.1	1.5								6.9	8.9
SSE	.0	.8	1.4	1.2								4.1	7.9
S	2.0	4.0	2.0	1.1								10.6	5.8
SSW	2.2	3.2	2.5									7.8	5.2
SW	1.7	3.1	2.2	.2								7.1	5.5
WSW	1.7	2.6	1.6	.0								6.8	5.8
W	2.3	3.7	1.2									7.2	4.5
WNW	1.1	2.0	.0	.3								4.0	5.3
NW	.0	.8	1.2	.0								3.4	7.0
NNW	.3	1.1	1.4	.2								2.9	6.9
VARBL													
CALM												8.3	
	17.5	23.5	30.7	13.5	.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

651

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12247 PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS MAY NORTH

0000-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.0	.0								5.2	7.1
NNE	.4	.9	.5	.3	.1							2.6	6.8
NE	.3	1.6	.7	.2								2.6	5.6
ENE	.4	1.3	.0	1.0								3.5	7.9
E	1.0	1.3	2.7	2.4	.1							7.5	8.5
ESE	.2	2.4	2.7	1.5	.1							7.2	8.1
SE	.3	1.7	2.0	.8								4.8	7.4
SSE	.0	1.5	2.0	1.7								7.0	8.1
S	1.3	2.2	3.7	.3								7.5	6.7
SSW	1.0	3.6	2.2	1.1								8.8	6.2
SW	1.1	2.5	2.2	.3								6.1	6.0
WSW	1.4	2.5	2.3	.4								6.6	6.0
W	2.8	4.1	2.2	.1								9.2	4.9
WNW	1.1	2.0	.2									3.6	4.8
NW	1.4	2.1	2.1	.3								5.9	5.9
NNW	.4	1.3	1.5	1.0								4.2	7.7
VARBL													
CALM												7.7	
	15.7	32.7	31.3	12.3	.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

960

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12897 PATRICK AFB FL/EGGON BEACH STATION NAME MAY MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.3	1.1	.2							3.7	9.4
NNE	.9	1.6	2.7	1.2								6.7	7.7
NE	.5	1.1	2.2	.6	.2							4.7	8.1
ENE	1.1	2.4	2.1	1.3								6.8	6.8
E	1.0	6.1	4.3	3.5	.1							14.9	7.7
ESE	.4	3.0	4.9	2.2								10.5	7.9
SE	.1	1.7	2.6	1.2								5.8	8.5
SSE	.2	.9	3.4	3.4								7.8	9.7
S	.3	1.1	1.6	.8								4.0	8.1
SSW	.1	.6	1.6	1.1	.1							3.5	9.5
SW	.5	1.1	3.6	1.1	.3							6.6	8.9
WSW	.9	2.4	2.5	.8	.4							6.7	7.5
W	1.8	3.0	1.0	.9								6.7	5.9
WNW	.9	1.2	.9	.1								3.0	5.6
NW	.6	1.4	1.2	.5	.1							4.0	6.8
NNW	.2	1.0	1.3	.2	.1							2.8	7.2
VARBL													
CALM												1.6	
	9.8	29.5	37.4	20.1	1.4							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 924

5
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS MAY MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.3	.7	.7	.3							1.5	11.6
NNE			2.4	3.0								6.0	11.4
NE	.1	1.1	4.2	3.0	.1							8.5	9.7
ENE	.4	1.2	5.0	.6	.1							7.5	8.1
E	1.0	6.1	11.0	4.9								23.6	8.3
ESE	.2	3.7	10.0	3.4								17.3	8.5
SE		1.7	4.8	3.3	.2							10.0	9.7
SSE	.1	.9	1.7	4.1	.2							7.1	10.9
S	.1	.2	.7	.3								1.3	8.6
SSW	.1	.2	.2	.9		.1						1.8	11.2
SW	.1	.5	.9	.9	.1							2.5	9.8
WSW	.2	.9	2.4	1.3								4.8	9.0
W	.1	1.3	1.5	.7	.1							3.7	9.4
WNW	.4	.4	1.1	.2		.1						2.3	8.1
NW	.1	.1	.2	.3								.8	5.3
NNW	.1	.3	.2	.3								1.0	8.2
VARBL													
CALM												.4	
	3.1	19.0	47.4	28.0	1.2	.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

921

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COLDA BEACH

STATION NAME

67-76

YEARS

MAY
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.0	.4	.2							1.7	10.0
NNE	.2		1.2	3.2	.2							5.1	11.8
NE		.3	5.8	3.4	.2	.1						9.8	10.3
ENE		1.0	4.9	1.2		.1						7.5	9.1
E	.3	3.4	11.5	4.7								19.9	8.9
ESE	.3	3.7	7.5	4.0								15.5	8.5
SE	.1	3.2	7.1	4.9	.1							15.3	9.3
SSE		1.1	3.8	5.5	.9							11.3	11.4
S	.3	.8	.6	.4								2.3	7.8
SSW	.2	.3	.5	.5								1.6	8.5
SW	.1	.2	.3	.4		.1						1.2	10.6
WSW	.1	.7	1.2	.5	.1							2.6	8.9
W	.2	.7	1.4	1.0	.2							4.1	10.2
WNW	.1		.1	.3								.5	10.2
NW		.1		.1								.2	10.0
NNW		.2	.1	.1								.4	7.8
VARBL													
CALM												.8	
	2.4	15.8	47.1	31.7	2.0	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

920

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/CUCCA BEACH YEARS 67-70 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 1000-2000

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.2	.3	.7	.2							1.7	10.0
NNE	.3	.9	3.0	1.9								6.0	9.2
NE	.2	2.0	3.5	1.3								7.0	8.4
ENE	.7	.7	3.0	.7	.1							5.0	8.0
E	2.1	3.2	8.0	2.8	.4							16.5	8.2
ESE	1.1	4.0	5.5	2.7	.1							13.4	8.0
SE	.8	3.7	7.5	2.0	.1							13.9	8.0
SSE	.2	2.1	7.3	2.0	1.1							16.7	10.5
S	.2	2.1	2.2	1.0		.1						5.9	8.1
SSW	.4	.7	.0	.2								2.1	6.5
SW	.1	.4	.2	.1								1.0	7.2
WSW	.3	.3	1.0	.7	.1							2.1	9.5
W	.7	.9	1.1	1.2	.2							4.0	8.6
WNW	.1	.2	.7	.1								1.1	7.8
NW		.2										.2	4.5
NNW		.3	.1									.4	5.8
VARBL													
CALM												1.9	
	7.5	21.9	64.3	22.0	2.4	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/CDCOA BEACH STATION NAME 67-76 YEARS MAY MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	.7	.3								2.8	8.2
NNE	.4	.5	1.1	.7	.2							2.9	9.1
NE	.8	2.2	1.8	.1								4.7	6.3
ENE	.3	1.7	1.9	.8	.2							5.3	7.2
E	1.1	1.6	5.4	3.7								11.8	9.0
ESE	1.1	3.5	3.2	3.0								10.8	8.0
SE	.8	3.4	5.9	1.7								11.8	7.5
SSE	1.2	3.1	5.7	3.0	.2							13.2	8.4
S	2.0	4.3	4.7	1.3								13.1	6.4
SSW	.7	3.4	1.9	.6								6.6	8.5
SW	.9	.7	.8	.5								2.4	7.0
WSW	.4	1.2	1.2	.8								3.4	7.7
W	1.3	1.6	1.0	.1								4.0	5.4
WNW	.4	.7	.4	.2								1.7	5.9
NW	.1	.4	.1									.6	5.4
NNW			.1									.1	10.0
VARBL													
CALM												4.8	
	12.0	28.8	36.0	17.1	.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

331

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-73
YEARS

JUN
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8		.2								1.3	4.6
NNE	.8	.5										1.3	3.0
NE	.8	1.1										1.9	3.6
ENE	1.8	1.3	.6	.2								4.0	4.4
E	1.0	3.0	3.5	1.3	.5							9.3	7.9
ESE	1.1	4.0	2.9	.8	.5	.4						9.3	7.3
SE	1.1	1.9	1.8	1.1								5.9	7.2
SSE	1.0	2.6	2.9	.3								7.3	6.1
S	3.4	5.9	.8	.5								10.5	4.6
SSW	2.1	4.2	2.2	.6								9.1	5.7
SW	1.3	4.0	4.3	1.4	.4							11.2	7.1
WSW	1.1	3.0	4.0	.5	.4							8.8	6.6
W	1.9	2.7	3.6	.5								8.1	5.9
WNW	.3	1.1	.3									1.9	4.7
NW	.2	.3	.2									.6	5.0
NNW	.2	.2										.3	4.5
VARBL													
CALM												9.1	
	19.0	30.6	20.7	7.2	1.3	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

620

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

67-73, 75-76

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.6	.3									1.9	4.1
NNE	.3	1.1	.2									1.6	4.9
NE	.9	1.0	.3									2.1	4.5
ENE	1.4	.6	.8									2.9	4.3
E	2.1	2.5	2.7	1.7	.3	.2						9.5	7.9
ESE	1.1	1.7	1.1	.3								4.3	5.7
SE	1.0	2.9	1.1	.6		.2						5.7	6.4
SSE	2.4	.6	.0		.2							3.8	4.6
S	3.5	3.8	.8	.2								3.1	4.2
SSW	2.5	4.0	1.3	.3								8.1	4.9
SW	2.4	4.0	4.1	1.6	.2							12.2	6.8
WSW	2.1	3.0	4.0	1.1								10.2	6.5
W	2.2	4.3	1.0	.3								7.8	4.7
WNW	1.4	1.9	.3									3.7	4.0
NW	.0	1.3	.3									2.4	4.3
NNW	.2	.6										.8	4.6
VARBL													
CALM												14.9	
	25.1	34.0	18.8	6.2	.0	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

629

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA BEACH STATION NAME YEARS 67-76 MONTH NORTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	.4									3.0	4.3
NNE	.7	1.0	.4	.1								2.8	5.6
NE	.6	.9	1.3	.9								3.9	7.1
ENE	1.1	1.5	.7	.6								3.8	5.9
E	1.0	2.5	2.0	1.2	.3							7.9	7.5
ESE	1.1	1.5	.4	.4								3.8	6.1
SE	1.2	1.3	.3	.4		.3						3.9	6.9
SSE	1.0	.4	.7	.4								2.6	6.3
S	3.0	2.7	1.2		.2							7.4	4.9
SSW	1.0	3.0	1.2	.3	.1							6.5	5.6
SW	.9	3.5	3.1	.3								7.9	6.4
WSW	1.6	4.3	4.3	.9	.2							11.4	6.7
W	2.7	7.5	1.3	.1								11.7	4.7
WNW	1.9	2.2	.1									4.3	3.6
NW	.6	.7	.6									2.2	5.2
NNW	.3	1.8	.7									2.8	5.4
VARBL													
CALM												14.0	
	21.6	30.9	20.0	6.1	.9	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

891

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCCA BEACH

STATION NAME

67-76

YEARS

JUN
MONTH

0900-1100
HOURS (L.S.T.)

ALL WINDS
CLASS

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	.0	.4	.1							2.2	7.8
NNE	.7	1.1	1.3									3.4	5.9
NE	.9	2.9	2.7	1.0								7.3	7.2
ENE	1.1	2.0	2.0	.5								9.3	5.9
E	3.1	7.7	3.7	2.2	.3							17.1	6.5
ESE	1.2	3.2	2.0	.9								11.1	5.9
SE	.3	2.1	1.3	.7	.2							4.8	7.6
SSE	.4	1.6	1.0	.0								3.6	7.1
S	.0	1.2	.0	.2	.1							3.1	6.2
SSW	.0	.3	.0	.7	.1	.2						2.5	9.3
SW	.0	1.1	1.9	.3	.3	.1						4.6	8.1
WSW	1.0	3.0	3.4	1.2	.2							9.6	7.0
W	1.2	2.7	2.7	1.0								8.3	6.5
WNW	.3	2.0	.4	.2								4.1	5.2
NW	.7	1.1	.7	.1								2.6	5.2
NNW	1.3	1.9	1.1	.1								4.5	5.0
VARBL													
CALM												2.0	
	16.9	41.4	27.7	10.1	1.6	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 PATRICK AIR FL/COCOA BEACH STATION NAME 67-76 YEARS MONTH 303
1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1		.7	.2	.2							1.3	11.5
NNE	.1	.1	1.1	.6	.2							2.4	10.4
NE		1.0	4.7	1.9	.1							7.8	9.3
ENE	.1	2.4	8.2	1.7								12.4	8.1
E	1.1	10.1	13.4	3.3	.4							28.3	7.7
ESE	.5	5.6	8.7	1.0								16.1	7.2
SE	.3	1.8	4.3	.9								7.3	7.8
SSE	.1	1.7	2.2	1.9	.3							6.3	9.3
S		.6	.4	.2								1.2	8.4
SSW	.2	.2	.4	.6	.1							1.6	9.5
SW	.1	.7	1.3	1.1	.4	.1						3.8	10.6
WSW	.1	2.0	.9	1.7	.1							4.8	8.7
W	.7	1.1	.6	1.0								3.6	7.5
WNW	.3		.6	.3	.1							1.6	9.1
NW	.1	.2	.1									.4	4.5
NNW		.2	.2									.4	7.0
VARBL													
CALA												.6	
	4.0	27.8	68.0	16.6	2.2	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

869

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 PATRICK AFB FL/CUGRA BEACH STATION NAME ALL WEATHER CLASS YEARS 67-76 MONTH JULY HOURS (L.S.T.) 1500-1700

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.4	.4	.2	.1						1.3	12.7
NNE		.2	.3	.9	.2							2.2	11.0
NE	.1	1.7	3.1	1.7								6.6	8.8
ENE	.2	1.5	0.5	1.9								10.1	8.4
E	.4	2.6	13.7	3.4	.6							21.6	8.8
ESE	.1	3.9	7.0	1.5								13.1	8.0
SE	.4	2.6	7.0	1.7								12.3	8.1
SSE	.3	2.2	3.7	3.3	.1							9.6	9.1
S	.4	1.0	2.6	.9								5.3	7.9
SSW	.1	.9	1.0	.4	.1							2.6	7.7
SW	.1	1.0	1.1	.7	.4							3.4	9.6
WSW	.2	1.0	2.1	1.4								5.2	9.3
W	.2	.6	.4	1.3	.1							2.7	9.8
WNW	.3	.3	.6	.3	.2							1.1	10.7
NW	.1	.2	.2	.1	.1	.1						.6	14.0
NNW	.2	.1	.1	.1	.1							.7	8.8
VARBL													
CALM												1.6	
	3.1	20.9	51.7	20.4	2.6	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12867 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76 MONTH JUN
1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3	.2	.2	.2							1.4	10.8
NNE	.2	.8	1.2	.7								2.9	8.2
NE	.7	.9	2.7	.9								5.2	7.7
ENE	.3	1.7	3.3	.7								6.0	7.5
E	.9	4.4	6.7	2.9	.2	.2						15.3	8.4
ESE	1.0	2.3	6.2	.9	.1							10.5	7.5
SE	1.2	2.9	6.5	.1	.1							10.9	7.2
SSE	.9	3.3	4.0	2.0								11.0	7.8
S	1.7	3.8	4.2	1.4								11.6	6.8
SSW	.3	1.9	2.0	.2								5.0	6.4
SW	.0	.9	1.6	1.0	.2							4.3	8.7
WSW	.9	.9	2.4	.9	.1							5.2	7.9
W	.0	1.2	.7	.0	.1							3.2	7.1
WNW	.1	.2	.7	.2								1.2	7.9
NW	.2	.3	.2	.1								.9	5.9
NNW	.3	.7	.2	.4		.1						1.6	6.8
VARBL													
CALM												4.4	
	10.6	26.6	43.0	13.3	1.1	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

857

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76
JULY MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9	.6	.2								2.4	6.3
NNE	1.0	1.0	.1									2.1	3.7
NE	.6	1.1	.2									2.0	4.7
ENE	.4	1.4	2.7	.1								4.6	6.7
E	1.7	4.6	4.0	2.0	.1							12.4	7.2
ESE	1.1	3.4	4.6	.6	.4							10.1	7.3
SE	.9	2.4	4.0	.7								8.8	6.9
SSE	1.0	4.5	4.3	.2	.1							10.4	6.8
S	3.2	5.0	2.4	.2								10.6	4.8
SSW	1.4	3.0	2.2	.2								7.1	6.0
SW	1.0	2.4	2.9	.0								6.8	6.7
WSW	.2	2.4	2.5	.9								6.0	7.3
W	1.1	1.1	1.9									4.1	5.5
WNW	.1	.2	.2	.4								1.5	7.8
NW	.2	.6	.1									1.2	4.3
NNW	.1	.4	.1	.1								.7	7.0
VARBL												9.2	
CALM												100.0	5.8
	15.0	34.4	34.0	6.7	.6								

TOTAL NUMBER OF OBSERVATIONS 805

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/CONCOA BEACH

STATION NAME

67-73

YEARS

JUL
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3											.3	3.0
NNE	.5											.6	2.0
NE	1.1	.5	.5									2.0	4.1
ENE	.3	.5	.2									.9	4.0
E	1.5	1.7	2.2	.3								5.7	6.0
ESE	1.2	3.2	1.4	.3								6.2	5.5
SE	2.9	2.9	2.9	.2								9.0	5.3
SSE	2.5	4.0	2.9	.5								9.7	5.5
S	7.1	7.4	2.5	.3								17.3	4.3
SSW	2.0	4.5	2.2	.2								8.8	5.2
SW	1.2	3.9	2.5	.5								8.0	6.0
WSW	1.1	3.7	1.5									6.3	5.3
W	1.4	3.2	1.1	.2								5.9	5.0
WNW	1.2	1.9	.2									3.2	3.6
NW	.6	.9	.2									1.7	3.9
NNW		.5	.2									.6	5.5
VARBL													
CALM												13.7	
	25.3	38.7	19.9	2.1								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

648

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-75

YEARS

JUL
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.3										1.4	3.1
NNE	.3	.3										.6	3.1
NE	.6	1.4										2.2	3.6
ENE	.5	.8	.5									1.7	4.6
E	1.4	1.7	2.5	.3								5.9	6.1
ESE	2.2	1.5	1.4									5.1	4.6
SE	1.4	1.8	.6									4.0	4.6
SSE	1.7	2.6	1.1									5.4	4.7
S	8.9	7.2	1.1	.2								17.4	3.6
SSW	3.9	5.4	1.4									10.6	4.4
SW	2.2	5.1	2.5	.2								7.9	5.2
WSW	2.0	2.3	2.0									6.1	5.0
W	2.5	3.4	1.4									7.2	4.3
WNW	.6	.6	.5									1.5	4.2
NW	1.7	.3										2.0	2.6
NNW	.2	.2										.3	3.5
VARBL													
CALM												18.5	
	31.1	35.0	14.5	.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

649

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

JUL
MONTH

0000-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.4	.2	.1								1.5	4.4
NNE	1.0	1.0	.3									2.3	4.1
NE	.4	1.5	.6	.2								2.8	5.7
ENE	.6	.9	1.1	.1								2.7	6.0
E	2.4	2.5	1.6	.3								6.8	5.0
ESE	1.5	1.9	.2									3.7	3.9
SE	1.2	2.6	.9									4.6	5.0
SSE	2.2	2.0	.9									5.1	4.1
S	5.6	6.4	1.0									12.9	3.9
SSW	2.3	6.4	1.9									10.6	5.0
SW	1.0	6.1	1.4									8.5	5.1
WSW	1.6	4.4	2.7	.4								9.2	5.4
W	3.0	4.3	.5									8.4	3.9
WNW	.4	1.1										1.5	3.8
NW	.3	.5										.9	4.3
NNW	.6	.4										1.1	3.6
VARBL													
CALM												17.5	
	25.7	42.5	13.4	1.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

927

5
DATA PROCESSING BRANCH
CJAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

JUL
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.4									.9	5.9
NNE		1.4	.4	.1								1.9	6.1
NE	.9	2.3	1.1	.2								4.4	5.7
ENE	1.1	4.3	1.8	.3								7.6	5.6
E	3.6	10.3	3.5	.8	.1							18.5	5.4
ESE	2.4	6.2	3.0									11.6	5.3
SE	1.0	3.5	3.0	.4								7.9	6.2
SSE	.4	3.1	2.2	.3								6.1	6.4
S	.5	2.4	.5	.2								3.7	5.7
SSW	.8	3.9	2.4									6.9	6.0
SW	1.3	1.8	2.1	.1								5.5	5.9
WSW	2.7	3.7	2.0	.2								9.2	5.3
W	2.4	3.8	2.3									8.4	4.9
WNW	.8	1.6	.4									2.8	4.5
NW	.6	.9	.1	.1								1.7	4.5
NNW	.1	.6										.8	4.0
VARBL													
CALM												2.1	
	18.4	50.2	26.4	2.8	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

924

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS JUL MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1			.1								.2	8.5
NNE		.3	.2	.3	.1							1.0	10.1
NE	.1	1.2	1.5	.3								3.1	7.1
ENE	.3	2.5	4.6	.6								8.1	7.3
E	1.6	11.8	13.4	1.1								27.9	6.7
ESE	1.3	3.2	12.9	.2								22.6	6.8
SE	.4	3.0	9.8	.6								14.1	7.9
SSE	.1	1.4	2.9	1.2								5.6	8.4
S	.4	.8	.5	.4								2.2	7.2
SSW	.4	.6	1.2	.4								2.7	7.3
SW	.2	1.3	1.6	.4	.1							3.9	7.9
WSW		1.2	1.0	.2	.1							3.1	8.0
W	.3	1.1	.9	.3	.2							2.8	7.5
WNW	.1	.3	.1									.5	5.4
NW	.2	.2	.1									.5	4.2
NNW	.2	.2	.2	.1								.8	6.1
VARBL													
CALM												.9	
	5.9	34.2	51.9	6.6	.5							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA BEACH 07-76 YEARS JUL NORTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.1	.8	.3	.1							1.5	9.1
NNE	.2	.2	.7	.4								1.5	8.6
NE	.1	.7	1.5	.2	.2							2.7	8.4
ENE	.4	1.5	2.1	.9								4.9	7.4
E	.3	5.4	9.6	1.5								17.1	7.4
ESE	1.7	9.0	10.2	.1								18.0	6.6
SE	1.2	3.9	9.3	4.8								19.2	8.4
SSE	.7	3.3	5.4	4.0								13.3	8.6
S	.7	1.6	2.6	.8								5.6	7.3
SSW	.3	1.1	1.2	.1								2.7	6.9
SW	.3	1.0	.4	.1								1.8	5.8
WSW	.2	1.0	1.2	.5								2.9	7.7
W	.4	1.3	.8	.3	.1	.1						3.0	7.7
WNW	.2	.2	.7	.4								1.5	8.6
NW	.2	.2	.2	.2								.9	7.0
NNW		.3	.1	.2								.7	9.0
VARBL													
CALM												2.6	
	7.7	27.7	40.7	14.7	.4	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME JUL MONTH
67-76 YEARS
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.3									.9	5.6
NNE	.3	.3	.3	.1								1.3	6.4
NE	.7	1.6	.3	.2								3.3	5.6
ENE	.2	1.8	1.5	.3	.1							4.3	6.6
E	2.2	4.7	1.7	.9	.1							7.7	6.5
ESE	1.7	4.3	3.0	.2								9.9	5.8
SE	1.4	0.3	0.4	1.4								15.5	6.9
SSE	2.3	0.1	8.6	1.7	.1							19.0	7.1
S	2.6	5.0	3.0	.8								11.4	5.8
SSW	1.1	1.3	1.5	.2								4.1	6.3
SW	.3	1.8	1.2	.2								3.9	6.3
WSW	.5	1.6	.7	.5	.1							3.5	6.8
W	.8	1.3	1.4	.7								4.1	6.8
WNW	.3	.5	.3	.3								1.5	7.4
NW	.5	.5	.3	.1								1.5	5.5
NNW	.2	.3	.4									1.0	5.8
VARB													
CAUM												7.3	
	15.0	30.1	32.6	7.7	.4				.1			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

JUL
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	15-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	.2									.8	5.4
NNE	.7	.1	.6									1.4	5.0
NE	.5	.5	.4	.1								1.4	5.5
ENE	1.3	1.1	1.2	.4								4.0	5.6
E	1.6	2.5	1.5	.6	.1							6.1	6.2
ESE	1.1	4.1	1.2	.1								6.5	5.1
SE	1.7	3.2	4.2	.2								7.3	6.2
SSE	3.8	4.8	5.9	.2								14.7	5.8
S	5.1	7.1	3.1	.4								15.7	4.9
SSW	2.5	4.0	1.3									7.8	4.7
SW	1.1	2.6	1.2	.2								5.1	5.5
WSW	1.7	2.8	1.6	.2	.2							6.5	5.8
W	2.2	1.4	.7									4.3	4.1
WNW	.7	.8	.6									2.2	4.9
NW	.1	.5	.5									1.1	5.9
NNW	.2	.1	.2									.6	4.6
VARBL													
CALA												12.5	
	24.3	30.2	24.2	2.5	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

835

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

07-73

YEAR

AUG
MONTH

ALL WEATHER
CLAR

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.7	.2									2.6	4.4
NNE	1.2	1.1	.2									2.5	3.6
NE	.5	1.2										1.7	3.8
ENE	.5	.6	.3									1.4	4.2
E	1.2	3.6	2.0									6.8	5.4
ESE	2.0	2.6	2.0	.3								7.6	4.9
SE	3.1	3.6	1.1									7.7	4.2
SSE	4.2	3.6	1.7	.6								12.1	4.8
S	7.1	3.9	1.5	.6								15.1	4.1
SSW	4.6	3.9	2.0	.2								10.7	4.3
SW	.8	3.2	1.5	.3								5.9	5.8
WSW	1.2	1.6	.2									3.1	3.7
W	1.2	2.2	.2									3.6	4.3
WNW	.6	.8	.6	.2								2.2	5.9
NW	.3	.5										.8	4.2
NNW		.5										.5	4.0
VARBL													
CALM												15.9	
	30.3	38.2	13.4	2.2								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COLONIA BEACH

STATION NAME

07-73.76

YEARS

AUG
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLIM

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	.2	.2									2.5	3.6
NNE	.0	1.5										2.2	4.1
NE	1.5	.8	.2									2.8	5.8
ENE	.0	1.1	.2									2.0	4.1
E	2.3	2.8	1.2	.2								7.1	5.0
ESE	2.0	2.0	1.4	.2								6.2	4.7
SE	1.2	1.7	1.2									4.8	5.4
SSE	2.0	3.4	.2	.2								6.9	4.5
S	2.1	3.9	1.7	.2								11.0	4.5
SSW	2.0	4.6	2.3									9.6	4.9
SW	1.2	2.9	.0									4.9	4.8
WSW	2.2	2.9	.2									6.0	4.5
W	1.2	2.3	.0									4.3	4.5
WNW	.0	.3	.0	.2								2.0	6.0
NW	.2	.2	.2	.2								.8	6.8
NNW	.2	1.1	.2	.2								1.9	5.3
VARBL													
CALM												25.2	
	26.2	32.6	13.7	1.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

648

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/CDCDA BEACH STATION NAME 07-76 YEARS AUG NORTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.9	.4									2.1	4.7
NNE	.3	2.0	.4	.1								2.9	5.4
NE	1.5	2.5	.8									4.8	4.2
ENE	1.3	.8	1.1	.3								3.5	5.8
E	3.1	4.9	2.9	.3								11.2	5.2
ESE	2.2	2.1	.4									4.7	4.0
SE	1.3	2.3	.5	.2								4.8	4.7
SSE	2.7	2.1	.8	.2								5.8	4.4
S	3.4	3.2	1.2	.5								8.4	4.6
SSW	2.1	4.3	2.0	.1								8.5	5.2
SW	1.4	2.5	1.3	.1								5.4	5.2
WSW	2.3	2.0	.4									4.7	3.8
W	1.6	1.4	.8									3.8	4.3
WNW	1.1	.2	.7	.1								2.1	4.9
NW	1.3	.8	.5									2.6	4.5
NNW	.2	.7	.5									1.4	6.0
VARBL													
CALM												23.2	
	27.1	32.6	14.8	2.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

910

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12837
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

AUG
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.3	.1								2.3	7.0
NNE	.4	1.5	1.0									2.9	5.8
NE	1.3	6.1	2.7	.2	.1							10.4	5.8
ENE	1.0	5.6	2.3	.3								9.2	5.8
E	4.9	12.0	4.0	.7								21.6	5.2
ESE	2.2	6.7	2.8	.1								11.8	5.3
SE	.4	4.6	2.3	.3								8.1	6.3
SSE	.3	1.6	1.4	.2	.1							3.7	6.9
S	.3	1.5	1.1	.9								3.8	7.3
SSW	.9	1.4	1.7	.2								4.2	6.1
SW	.8	1.5	2.2	.4								4.9	6.9
WSW	1.1	3.3	1.4	.1								5.9	5.3
W	1.8	2.1	.3	.2								4.4	4.3
WNNW	.2	.5	.1									1.2	4.3
NW	.2	1.0	.7									1.8	5.9
NNW	.3	.5	.2	.1								1.5	6.0
VARBL													
CALM												2.2	
	16.7	50.7	26.4	4.9	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

922

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76 A/JG NORTH
STATION NAME CLASS YEARS
ALL WEATHER 1200-1400
MOUSE (L.E.T.)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2		.2	.2		.1						.8	9.6
NNE	.1	.5	1.6	.3	.2							2.8	8.7
NE	.1	2.0	4.5	.8	.2							7.5	8.1
ENE	.1	4.6	7.2	1.0								12.8	7.5
E	.4	12.9	13.4	1.8	.1							28.7	7.0
ESE	.4	9.2	12.1	.2								22.0	6.8
SE	.3	2.7	7.5	.4	.1							11.1	7.6
SSE	.1	1.0	2.3	1.2	.1							4.7	9.0
S	.2	.2	.2	.1								.5	8.8
SSW	.1	.1	.3	.2	.1							1.1	8.9
SW	.1	.4	1.4	.9	.2							3.0	9.5
WSW	.1	.1	1.4	.2	.1							2.0	9.2
W	.3	.3	.1									.8	4.6
WNW	.1	.1	.2									.4	6.5
NW	.1	.1	.1	.2		.1						.5	13.6
NNW	.1		.4									.5	7.2
VARBL													
CALM												.8	
	2.7	34.3	53.2	7.6	1.2	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 920

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

AUG
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.2	.4								1.1	9.0
NNE	.2	.8	1.1	.8								2.9	8.3
NE	.1	1.2	2.9	.7	.2							5.1	8.5
ENE	.2	2.3	7.0	1.4								11.0	8.2
E	.9	8.1	12.2	1.5								22.7	7.2
ESE	1.4	7.7	9.6	.8								19.6	6.7
SE		3.5	8.3	2.8	.1							14.7	8.7
SSE	.2	1.0	4.5	1.8								7.5	8.9
S	.3	.8	1.2	.6	.1							3.0	8.0
SSW	.4	.1	.6	.3	.1							1.5	8.3
SW	.1	.8	.7	.4								2.0	7.7
WSW	.2	.3	1.4	.3								2.3	8.3
W	.4	.3	1.1	.6								2.4	8.4
WNW	.1	.3	.4									.9	6.8
NW		.3	.4	.3								.9	8.5
NNW		.3	.0	.4								1.3	9.1
VARBL													
CALM												1.1	
	4.9	28.2	52.1	13.2	.6							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

904

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION PATRICK AFB FL/COCOA EACH 67-76 YEARS AUG
MONTA
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.4	.9	.1								1.4	8.0
NNE	.2	.7	1.7	.2								2.8	7.3
NE	1.2	1.4	.4									3.1	4.5
ENE	.9	2.3	3.1	.4								6.7	6.6
E	3.3	6.4	6.8	.9								17.4	6.1
ESE	2.4	7.0	3.7	.4								13.6	5.6
SE	1.0	5.0	4.4	1.9								11.9	6.9
SSE	1.5	5.1	6.7	.9								14.2	6.8
S	1.3	3.1	2.0	.3								6.7	5.8
SSW	.7	1.6	.8	.3								3.4	6.0
SW	.3	1.2	.8		.1							2.4	6.6
WSW	.2	.8	.7	.3	.1							2.1	7.3
W	.5	1.7	1.1	.1	.1							3.6	6.0
WNW	.1	.5	.1									.8	5.6
NW	.4	.1	.3	.1								1.0	5.6
NNW	.7	.3	.1	.1								1.2	4.4
VARBL													
CALM												7.9	
	14.5	37.8	33.4	5.8	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12887
STATION

PATRICK AFB FL/CORCOA BEACH

STATION NAME

07-76

YEARS

AUG
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	.5	.1								2.5	5.4
NNE	.5	1.1	.5									2.1	5.1
NE	.8	1.5	.1	.1								2.5	4.4
ENE	.2	1.5	2.1	.2								4.0	7.0
E	2.8	6.1	3.1	.1								12.1	5.4
ESE	1.9	3.6	2.5									8.1	5.0
SE	2.5	5.7	1.8									10.0	5.0
SSE	2.8	7.4	4.7	.6								15.5	5.6
S	3.4	5.4	3.0	.1								12.0	4.9
SSW	1.9	2.4	1.3	.2								5.9	4.9
SW	1.1	2.7	.8									4.6	5.1
WSW	1.0	1.1	.8									2.7	4.5
W	.8	1.6	.5	.1								3.0	4.9
WNW	.4	.4	.1	.1								1.0	5.5
NW	.1	.7										.8	4.7
NNW	.1	.1	.4									.6	6.0
VARBL													
CALM												12.5	
	20.8	42.6	22.3	1.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

826

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 07-73 MONTH SEP

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	1.0									3.7	6.6
NNE	.8	.8	1.0	.6	.2							4.0	7.8
NE	.6	2.1	2.3	1.8	.3	.1						7.4	9.9
ENE	.6	2.6	3.2	2.0								9.0	8.1
E	1.3	6.9	6.9	3.4								18.5	7.5
ESE	2.0	3.9	3.1	.3	.2							10.0	5.9
SE	1.5	4.5	2.7	.2								8.9	5.6
SSE	1.0	1.8	1.1	.2	.2							4.2	6.2
S	2.9	1.9	.5									5.3	3.8
SSW	1.9	1.9	.5									4.4	3.9
SW	1.0	1.9	1.1	.5								4.5	6.5
WSW	.2	1.3	1.9	.5								3.9	7.5
W	1.1	1.6	.5									3.2	4.5
WNW	.2	.5	.3	.2								1.1	6.0
NW	.5	.2										.6	2.5
NNW	.2	.6	.8	.6								2.3	8.3
VARBL													
CALM												8.9	
	16.8	34.4	28.2	10.8	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

600

5
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

67-73,75-76

YEARS

SEP
MONTH

STATION NAME

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	1.0	.2								5.1	5.8
NNE	.6	1.4	1.3	.8								4.1	7.1
NE	.6	1.6	3.2	1.0	.5							6.9	8.7
ENE	.8	3.0	4.3	1.8	.2							10.0	7.7
E	3.2	7.7	5.6	.8								17.2	5.9
ESE	2.2	2.7	2.2	.6								7.8	5.7
SE	.6	2.9	1.6	.2								5.4	7.6
SSE	.8	1.0	.2	.2								2.1	4.5
S	3.2	1.1	.5									4.8	3.2
SSW	1.6	1.8	.3									3.7	3.9
SW	1.1	1.9	.8	.2								4.0	5.1
WSW	1.0	1.6	1.2	.2								4.5	6.1
W	1.8	2.4	.6									4.9	4.5
WNW	.6	1.4	.4									2.2	4.3
NW	.6		.6	.3								1.6	6.6
NNW	.6	.3	.3	.3	.2							1.9	6.8
VARBL													
CALM												13.7	
	20.0	33.5	24.0	6.7	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

627

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SEP
MONTH
0600-0800
HOURS (L.S.T.)

STATION 12867 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76
ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	2.1									5.5	5.6
NNE	.3	1.5	1.3	1.0	.1							4.3	8.2
NE	.8	2.2	2.5	1.0	.1							6.6	7.3
ENE	1.3	1.9	3.4	1.2								7.8	7.1
E	2.6	4.9	5.6	.7	.1							13.9	6.3
ESE	1.2	3.0	1.8	.1								6.2	5.3
SE	.4	2.1	.6	.2								3.4	5.5
SSE	.7	1.2	1.1	.4								3.5	6.5
S	1.3	.8	.6	.3								3.0	5.1
SSW	1.5	1.6	.9	.1								4.0	4.9
SW	.8	2.4	1.0	.3								4.5	5.6
WSW	1.2	1.1	.9	.2								3.5	5.3
W	2.4	1.9	.2	.1								4.6	3.9
WNW	1.7	2.1	.6									4.0	3.8
NW	1.0	1.0	1.0									3.0	5.3
NNW	.6	.8	1.5	.4								3.3	7.2
VARBL												18.9	
CALM												100.0	4.8
	18.7	31.1	24.7	6.3	.3								

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

SEP
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.7	.7								6.4	7.1
NNE	1.4	2.6	2.9	1.1								8.0	6.8
NE	.9	3.3	4.7	1.7	.2							10.8	7.9
ENE	1.8	5.6	4.2	2.4	.2							14.2	7.2
E	2.0	7.2	6.3	1.5								17.0	6.5
ESE	1.5	3.8	3.2	.8								9.0	6.0
SE	.5	1.4	1.7	.2								3.8	6.6
SSE	.9	.9	1.4	.2								2.5	7.5
S	.8	.9	.5	.1	.1							2.0	5.6
SSW	.9	1.5	1.1	.6								4.1	6.4
SW	.5	1.0	1.2	.1								2.8	6.4
WSW	.7	1.5	.7	.4								3.0	5.9
W	2.1	2.9	1.5									6.5	4.7
WNW	1.2	1.1	.5									2.7	3.9
NW	.6	1.1	.7									2.6	4.8
NNW	.1	1.0	1.1	.8								3.0	8.1
VARBL													
CALM												3.4	
	15.9	37.0	33.0	10.1	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

5CP
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.7	.8	.1							1.8	10.8
NNE	.4	1.1	3.2	4.0	.1							8.2	9.4
NE	.7	3.6	8.0	4.0	.2							16.5	8.7
ENE	.9	4.6	7.5	2.9								15.9	8.0
E	1.1	10.4	12.8	2.2								26.6	7.2
ESE	.8	4.9	5.0	.3								11.7	6.7
SE	.3	1.5	1.9	.3								4.0	7.1
SSE		1.0	.6	.3								2.0	7.8
S	.2	.4	.3	.3								1.3	8.0
SSW	.2	.3	.9	.1								1.6	6.9
SW	.1	.9	.6	.4								2.0	7.4
WSW	.2	.9	1.2	.3								2.7	7.5
W	.3	.8	1.0	.3	.1							2.7	8.4
WNW	.2	.3	.2									.8	4.4
NW	.1	.2	.2									.6	6.3
NNW	.1	.1	.1	.1								.4	8.0
VARBL													
CALM												1.2	
	5.9	31.3	45.1	15.7	.7	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

897

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS SEP NORTH
1500-1700 HOUR (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.9	1.2	.1							2.8	10.0
NNE		.8	2.9	5.5	.2							9.4	10.9
NE	.4	2.0	8.0	4.4	.4	.1						15.4	9.7
ENE	.1	4.4	7.5	2.8	.3							15.2	8.4
E	.9	7.2	14.2	2.0								24.9	7.8
ESE	.4	5.0	4.8	.2								10.5	6.5
SE	1.1	2.1	2.6	.7								6.5	6.4
SSE	.1	1.0	1.3	.7	.1							3.3	8.6
S	.2	.6	.6	.2								1.8	6.7
SSW	.2	.6	.6	.4								1.8	7.9
SW		.6	.6	.7								2.3	9.4
WSW	.1	.7	.7	.2									7.5
W		.3	.7	.1									7.4
WNW		.4	.1	.2									7.7
NW		.2	.3									.6	7.6
NNW		.2	.3	.3								.6	9.5
VARBL													
CALM												1.3	
	3.7	20.7	40.0	20.3	1.2	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

47-76
YEARS

SEP
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.0	1.9	.1							4.5	9.3
NNE	.3	.9	2.9	3.0	.1							7.3	9.8
NE	.7	3.3	4.9	3.5								12.6	8.7
ENE	.2	4.4	6.1	1.6	.3	.1						12.7	8.3
E	1.2	5.2	10.2	1.8	.2							18.7	7.6
ESE	2.1	6.4	3.5	.8								12.8	6.0
SE	.9	4.0	2.8	.7								8.4	6.5
SSE	.8	2.2	1.9	.2								5.2	6.0
S	1.3	1.6	1.1	.1								4.2	5.2
SSW	.8	.9	.9	.1								2.4	5.0
SW	.7	.7	.4	.3								1.5	7.5
WSW	.9	.8	.1	.3								1.8	6.0
W	.2	.6	.2	.3								1.3	7.2
WNW	.3	.7	.2									1.2	4.7
NW		.3	.3									.7	6.7
NNW	.1	.1	.2									.4	6.5
VARBL													
CALM												4.3	
	10.0	32.6	37.2	14.7	.8	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

889

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76 SEP MONTH 2100-2300
ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.7	1.0								4.2	8.1
NNE	.5	1.4	1.9	1.6	.1	.4						5.8	9.3
NE	1.0	3.0	2.7	2.7	.1							9.5	8.1
ENE	1.1	2.8	3.6	3.3								11.1	8.5
E	1.4	5.4	7.7	3.1	.2	.1						18.9	7.9
ESE	2.0	4.7	3.0	.6								10.9	5.6
SE	.9	4.6	2.7	.1								8.3	5.9
SSE	.7	1.9	2.0	.4								5.0	6.5
S	2.6	1.6	.6	.1								5.0	4.1
SSW	1.1	2.1	.9	.2								4.6	5.7
SW	.6	1.0	1.0	.1								2.7	5.9
WSW	.1	.7	.5	.2								1.6	6.9
W	.4	1.4	.7	.2	.1							2.8	7.0
WNW	.2	.1	.5	.1								1.0	6.6
NW	.1	.6	.1									.9	5.1
NNW		.2	.2									.5	6.8
VARBL													
CALM												7.2	
	13.5	33.9	30.1	14.2	.6	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

808

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/CDCOA BFACH 67-73 YEARS UCI MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.4	2.3	.0								4.9	7.3
NNE	.0	1.1	.0	.3		.4						2.9	6.9
NE		.0	1.9	4.0	1.2	.3	.2					8.2	13.0
ENE	.0	1.9	3.4	6.0	1.1	.3						13.4	10.9
E	.0	3.9	6.3	6.0	1.9	.2						19.8	10.6
ESE	1.1	1.7	1.1	1.1	.5							5.4	7.5
SE	.2	1.2	1.9	1.4	.3							4.9	9.3
SSE	.3	1.2	1.2	.2	.5							3.4	8.0
S	2.3	1.4	.8	.5	.2							5.1	5.5
SSW	1.7	2.0	1.1									4.8	4.5
SW	.5	.5	1.1									2.0	5.8
WSW	.9	1.4	.2									2.5	4.1
W	.3	.9	1.4									3.1	5.6
WNW	1.2	1.1	1.9	.5								4.6	6.0
NW	.5	1.9	1.4	.5								4.2	6.6
NNW	.5	1.9	1.2	.5								4.0	6.3
VARBL													
CALM												6.6	
	12.7	24.0	27.6	22.3	5.6	.9	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12857
STATION

PATRICK AFB FL/CQCOA BEACH

STATION NAME

07-74, 79

YEARS

UCT
NORTH

ALL WEATHER
CLASS

0300-0500
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	1.5	.3								4.2	6.4
NNE	.5	.8	1.4	1.5	.6							4.8	10.0
NE	.3	1.5	1.9	4.3	.0							8.7	10.5
ENE	.9	1.4	4.5	4.6	1.9	.5						13.8	11.1
E	.8	3.4	2.3	8.0	.8							15.3	10.5
ESE	.3	.2	1.2	.0	.3	.2						2.9	10.8
SE	.2	.9	.8	.5	.0							2.9	10.1
SSE		.5	.5	.3	.2							1.4	9.2
S	.3	1.9	1.4	.3	.2							4.5	6.4
SSW	1.2	.8	.9									2.9	4.9
SW	1.2	1.4	.9									3.6	5.0
WSW	1.1	1.1	.3	.2								2.6	4.7
W	1.1	2.0	1.2	.2								4.5	5.2
WNW	1.2	1.7	1.5	.3								4.8	5.8
NW	1.1	1.1	2.0	.3								4.5	6.1
NNW	1.5	2.6	2.3	1.7								8.2	7.3
VARBL													
CALM												10.5	
	12.5	22.9	24.7	23.5	5.1	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA LEACH

STATION NAME

67-76

YEARS

WCI
NORTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.0	1.1	.2							5.2	8.6
NNE	.2	.9	1.9	.9	1.2	.1						5.2	11.4
NE	.3	1.8	2.5	3.7	1.2	.3						9.9	11.3
ENE	.3	1.6	3.5	4.6	1.1	.5						11.8	11.4
E	.4	3.8	3.3	2.1	1.0							13.6	9.9
ESE	.3	1.1	1.4	.4	.1							4.0	7.0
SE	.4	.7	.4	.3	.2							2.1	7.9
SSE	.2	1.1	.7	.2	.3							2.5	8.0
S	1.1	1.0	.9	.4	.1							3.5	6.4
SSW	.1	1.3	1.2	.2								2.9	6.7
SW	.3	.8										1.1	4.5
WSW	1.1	1.2	.2									2.5	3.9
W	2.3	1.2	.5	.1								4.2	3.9
WNW	2.1	2.9	2.2	.4								7.6	5.7
NW	1.4	2.9	2.0	.7								6.9	6.2
NNW	1.2	3.3	2.5	1.4								8.5	6.9
VARBL													
CALM												8.7	
	13.2	25.7	25.3	19.7	5.5	1.0						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

910

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS OCT MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLEAR

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	1.4	2.1	.4	.1						6.1	9.4
NNE	.2	2.3	2.1	3.1	1.1	.1						8.9	10.8
NE	.3	1.7	4.7	3.9	2.3	.1						13.0	11.4
ENE		1.5	5.0	5.4	1.3							13.2	11.1
E	1.0	1.7	4.4	3.8	1.0	.2						12.8	9.5
ESE	.7	1.7	1.0	1.1								4.4	7.5
SE	.3	.9	1.0	.2								2.4	7.0
SSE	.5	.8	1.5	.3	.3							3.7	8.4
S	.4	.3	.5	.4								1.7	7.1
SSW	.3	.7	1.1	.8								2.8	8.2
SW	.7	1.1	.4	.5	.2							2.9	7.1
WSW	.7	1.3	.2	.1								2.3	4.8
W	.9	1.8	.5	.2								3.5	5.3
WNW	.9	1.4	2.2	.2								4.7	6.4
NW	.8	1.7	2.6	1.3								6.4	7.6
NNW	1.2	1.6	3.6	1.2								7.8	7.4
VARBL													
CALM												3.5	
	10.5	21.6	32.4	24.9	6.6	.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS MONTH UCI
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3	2.7	3.0	.4	.1						6.9	11.1
NNE		1.1	3.7	3.4	1.2	.2						9.6	11.5
NE	1.0	2.7	5.3	7.5	1.2	.4						18.1	10.6
ENE	.5	3.5	5.6	5.5	1.5	.1						16.8	10.1
E	.9	4.6	7.5	3.5	.7	.1						19.2	8.2
ESE	.4	2.5	2.5	.5	.3							6.3	7.6
SE		1.2	2.2	.2	.3							3.9	8.6
SSE		.1	1.6	1.0	.1							2.8	10.6
S	.2	.2	.4	.1								1.0	6.9
SSW	.1	.1	1.1	.3								2.1	9.8
SW	.2	.5	.3	.5								1.8	7.7
WSW		.1	.5	.2								.9	9.3
W	.2	1.1	.4	.5								2.3	7.3
WNW	.2	.3	1.7	.3								2.6	8.2
NW		.3	1.1	.5								2.0	9.3
NNW	.2	.8	1.8	.4								3.3	7.9
VARBL													
CALM												.4	
	4.3	21.5	38.9	28.1	5.8	1.0						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 921

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
12867
PATRICK AFB FL/COCOA BEACH

U.C.T.
MONTH
1500-1700
HOURS (L.S.T.)

YEARS
67-76

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5	1.9	3.4	.7							6.4	11.9
NNE	.2	1.2	3.3	4.5	1.2	.4						10.6	11.5
NE	.4	2.7	7.0	7.3	1.6	.3						19.4	10.5
ENE	.4	3.3	6.7	5.0	1.2	.1						16.7	10.0
E	.9	5.1	8.0	4.4	.9							19.2	8.3
ESE	.3	2.9	2.3	.9	.1							6.5	7.4
SE	.1	2.0	2.3	.5	.4							5.3	8.3
SSE	.1	.3	1.4	1.1	.1							3.1	9.2
S		.7	.3	.3								1.2	8.0
SSW		.2	.9	.2								1.3	8.7
SW	.1	.1	.7	.3								1.2	8.3
WSW		.1	.6	.1								1.0	8.7
W	.1	1.3	1.2	.1								2.7	6.7
WNW		.4	1.2	.7								2.3	9.3
NW		.4	.3	.3								1.1	8.1
NNW		.1	.1	1.1	.1							1.4	12.4
VARBL												.4	
CALM													
	2.7	21.5	38.2	30.2	4.3	.7						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

67-76

STATION NAME

ALL WEATHER
CLASS

YEARS

UCI
MONTH

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	3.3	3.0	.2							10.3	9.4
NNE	.4	1.4	2.4	2.9	.5	.1						7.6	10.4
NE	.8	3.4	4.4	3.1	1.4	.2						13.3	9.3
ENE	1.0	1.8	6.0	5.7	2.3	1.0						17.7	11.4
E	1.5	4.5	7.1	4.4	1.0	.4						19.2	8.9
ESE	1.0	2.7	2.8	1.0	.1	.1						7.7	7.3
SE	.6	1.4	2.2	.3	.1	.1						4.8	7.5
SSE	.3	.8	1.5	.9	.1							3.6	8.7
S	1.4	.6	.8									2.8	4.7
SSW	.6	1.1	.2	.3								2.3	5.7
SW	.1	.4	.2	.3								1.1	7.5
WSW	.3	.1										.4	3.3
W	.3	1.1	.6									2.1	5.6
WNW	.6	1.4	.3									2.4	4.6
NW	.1	.5	1.0									1.6	6.8
NNW		.2	.8	.2	.3							1.5	10.2
VARBL													
CALM												1.7	
	9.7	23.8	33.9	22.5	5.1	1.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

924

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12867
STATION

PATRICK AFB FL/COCOA BEACH

67-76

UCT
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.4	3.0	1.5		.1						7.4	8.3
NNE	.2	.8	1.7	1.4	.5							4.6	10.3
NE	.5	1.5	2.9	3.0	1.2	.2						9.3	10.9
ENE	.4	1.8	5.6	6.7	3.0	.2						17.6	11.8
E	1.5	3.9	6.9	4.5	1.3							18.2	9.3
ESE	.5	2.4	3.4	.7	.3							7.4	7.9
SE	1.1	2.1	1.2	.8	.4							5.6	7.2
SSE	.8	1.7	1.2	.7	.4							4.8	7.7
S	1.6	2.0	.5	.4								4.3	4.9
SSW	1.0	1.0	1.0									2.9	4.9
SW	.4	.2	.2	.2								1.1	6.9
WSW	.4	.1	.1									.6	4.2
W	.1	1.1	1.0	.1								2.3	6.6
WNW	.5	.7	1.7	.4								3.2	7.1
NW	.5	1.2	.8									2.5	5.6
NNW	.5	1.0	1.8	.7								3.9	7.4
VARBL													
CALA												4.5	
	10.0	23.9	32.7	21.2	7.1	.4						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

841

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

67-73

YEARS

NOV
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	1.8	1.4	.6							6.1	8.9
NNE		.3	.2	.2								.6	7.3
NE		.2	1.3	1.0								2.4	10.3
ENE	.2	.6	.6	2.2	.2							3.8	10.6
E	.5	1.1	4.5	3.5								9.6	9.6
ESE	.5	1.1	1.0	.5	.2							3.2	6.9
SE	.6	1.0	1.8	.2								3.5	7.1
SSE	.5	.5	1.3	.6								2.9	8.0
S	1.8	2.4	2.1	.2								6.4	5.5
SSW	2.1	1.9	.6	1.0								5.6	5.4
SW	1.6	1.1	1.9	.5	.2							5.3	6.3
WSW	.8	1.9	2.1									4.8	5.8
W	1.2	4.3	.8	.3								6.7	5.3
WNW	1.4	1.4	2.6	1.4	.6							7.5	8.4
NW	1.1	2.1	4.0	2.6	.5	.2						10.4	9.1
NNW	.5	5.1	2.7	2.1	.6	.3						11.4	8.5
VARBL													
CALM												9.6	
	13.5	26.8	29.2	17.6	2.9	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

624

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-73
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	1.6	1.8	.2							6.1	8.7
NNE		.2	.2	.2	.3							.8	12.6
NE	.3	.2	.6	.5	.5							2.1	10.5
ENE	.2	.5	2.7	1.4								4.8	9.6
E		1.1	3.5	1.4								6.1	6.9
ESE	.5	.5	1.1	.8								2.9	7.9
SE	.2	.5	1.9	.5								3.0	8.1
SSE	.2	.5	.6	1.0								2.4	9.0
S	2.1	1.1	1.3	.5								4.9	5.6
SSW	1.3	1.8	1.4	.2								4.6	5.7
SW	1.3	1.4	1.0									3.7	4.9
WSW	1.0	.5	.3									2.6	4.9
W	2.4	3.0	2.1	.3								7.8	5.4
WNW	2.1	1.8	1.4	1.1	.3							6.7	6.8
NW	1.3	3.5	5.4	3.2	1.3							14.7	9.3
NNW	1.6	3.8	4.6	3.7	.6	.3						14.8	9.0
VARBL													
CALA												12.1	
	14.7	22.6	30.5	16.4	3.2	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

NOV
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.3	2.9	1.3	.3							7.3	7.9
NNE	.3	.6	.4	.4	.3	.1						2.0	10.2
NE		.4	1.1	1.6	.3							3.4	11.3
ENE	.0	1.1	1.9	1.8	.1							5.5	8.5
E	.3	1.6	2.9	1.4								6.1	8.3
ESE	.9	1.0	1.5	.4								3.8	6.3
SE	.9	1.0	.6									2.5	5.0
SSE	.5	.6	1.9	.4								3.4	7.3
S	.8	.9	.4	.3								2.3	5.7
SSW	1.1	1.8	1.6	.1								4.6	5.5
SW	1.9	1.3	1.3	.1								4.5	4.9
WSW	.9	.6	.3									1.8	3.9
W	1.9	2.0	.9	.1								4.9	4.6
WNW	2.4	1.6	1.9	1.1	.3							7.3	6.9
NW	2.0	2.5	3.3	3.9	.5	.1						12.3	8.9
NNW	.3	4.8	5.4	6.1	.3	.4						17.7	9.4
VARBL													
CALM												10.8	
	15.7	24.1	28.1	18.9	1.9	.6						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

798

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

NJIV
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.1	3.9	3.2	.3							10.5	8.9
NNE	.3	1.0	1.0	.4	.2							4.0	8.5
NE	.6	1.1	1.7	1.7	.4							5.7	9.3
ENE	.7	1.1	2.1	2.2	.1							6.3	9.0
E	.4	2.0	3.7	2.0								8.2	8.2
ESE	.9	1.7	1.1	.1								3.8	5.6
SE	.1	.9	1.0	.1								2.1	6.8
SSE	.1	1.3	2.7	.6								4.9	8.0
S	.4	.8	.9	.9								3.0	7.8
SSW	.4	1.3	1.6	.9								4.3	8.1
SW	.7	1.0	1.3	.4								3.5	6.9
WSW	1.3	1.5	1.1	.3								4.3	5.6
W	1.0	2.0	.9	.6								5.0	5.3
WNW	.7	1.2	1.7	.6	.4							4.6	8.4
NW	1.2	1.5	3.7	2.7	.8	.1						10.0	9.4
NNW	.9	3.5	6.2	5.8	.3	.3						17.0	9.3
VARBL													
CALM												2.8	
	11.5	24.1	35.4	23.1	2.7	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

893

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION NAME PATRICK AFB FL/COCOA BEACH 57-76 YEARS NOV NORTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLEAR

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	4.8	4.8	1.0	.1						12.4	10.8
NNE	.3	1.7	3.2	4.3	.9							11.2	10.4
NE	1.1	2.5	2.0	2.0	.3							8.6	8.3
ENE	.5	2.6	2.2	2.6								8.6	8.5
E	.7	3.8	3.6	1.6								9.7	7.2
ESE	1.0	3.4	2.1	.2								6.8	5.8
SE	.3	3.4	2.3	.2								6.2	6.5
SSE	.1	.7	3.3	1.1	.1							5.3	9.1
S		.2	.7	.5								1.4	10.3
SSW		.2	.6	.7	.1							1.8	10.6
SW		.2	1.0	1.2								3.0	10.6
WSW	.3	1.1	1.8	.6								3.8	7.6
W	.7	1.2	2.0	.6	.2							4.7	7.8
WNW	.6	.9	.9	1.0	.5							3.8	9.5
NW	.6	.5	1.0	1.2								3.8	8.7
NNW	.6	1.1	3.3	2.1	.5							8.0	9.6
VARBL													
CALM												.9	
	7.2	24.7	37.9	25.4	3.6	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

NDV
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.6	3.7	4.3	1.6							11.3	11.0
NNE	.6	1.8	5.4	3.1	.4							11.3	9.4
NE	.7	2.2	4.1	2.1	.6							9.7	8.8
ENE	1.3	2.2	3.7	2.4								9.6	8.0
E	1.3	5.7	3.0	1.0	.1							11.8	6.7
ESE	1.0	3.8	1.9	.2								6.9	5.8
SE	.8	2.5	3.9	.4								7.6	6.7
SSE		1.9	2.5	.7								5.0	7.8
S	.2	.4	.4	.2	.1							1.5	8.2
SSW	.1	.2	.7	.4								1.5	9.2
SW		.7	.9	1.1								2.7	9.3
WSW	.1	.9	1.7	.7	.1							3.5	8.5
W	.3	.8	1.7	1.1	.3	.1						4.8	9.0
WNW	.3	1.0	2.5	1.6	.3							6.2	8.4
NW	.4	.4	.6	.4	.1							2.0	7.7
NNW	.4	1.0	1.6	.6	.2	.2						4.0	9.0
VARBL												.6	
CALM												100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

893

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

57-76

YEARS

NNV
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.8	6.2	2.6	.3							14.0	8.3
NNE	.9	2.0	2.0	1.6	.1							6.7	7.8
NE	.6	1.6	2.1	1.3	.3							6.3	8.4
ENE	1.1	2.0	2.0	2.0	.5							8.3	8.5
E	1.1	2.9	3.7	2.1		.1						10.1	8.1
ESE	1.2	2.0	1.5	.7	.1							5.5	6.1
SE	1.1	3.5	1.0	.6								6.8	6.0
SSE	.7	2.5	2.9	.5								6.6	6.7
S	1.5	2.7	1.0	.1								5.3	5.1
SSW	.7	1.4	.5	.1								2.4	5.0
SW	.5	.6	1.2	.2								2.5	7.0
WSW	.8	.7	.7	.3								2.5	5.5
W	1.0	1.4	1.5	1.0	.2							5.1	7.4
WNW	.6	1.0	1.0	.7								3.5	6.8
NW	.6	1.2	1.5	.5	.2							4.0	7.5
NNW	.3	1.6	2.1	1.0	.3	.1						5.5	8.6
VARBL													
CALM												5.0	
	14.1	30.8	32.2	15.5	2.1	.7						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

884

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	3.9	1.2	.2							9.3	7.7
NNE	.2	.8	1.5	.9								3.4	8.5
NE	.4	.6	1.2	1.8	.1							4.1	9.8
ENE	.1	1.1	1.9	1.9	.1							5.1	9.9
E	.9	2.2	2.1	3.9	.1							10.3	9.3
ESE	.6	.9	1.2	.4	.1							3.2	7.4
SE	.8	2.1	2.7	.3								5.9	6.4
SSE	.4	2.5	2.5	.2								5.6	6.8
S	3.1	2.5	2.1	.3	.1							8.2	5.1
SSW	.8	1.0	.9									2.7	5.3
SW	.6	.6	.7	.9								2.7	7.5
WSW	.7	2.1	.6									3.4	4.8
W	1.1	2.8	2.0	.8	.1							6.8	6.6
WNW	1.2	.8	1.9	1.1	.2							5.3	7.8
NW	.3	1.0	2.5	1.5								5.7	8.4
NNW	.9	3.6	3.9	1.0	.3							10.3	7.8
VARBL													
CALM												8.1	
	13.4	27.6	32.0	16.9	1.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-74

YEARS

WEC
MONT

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.4	.9	.5								3.6	6.2
NNE	.0	.6	.5	.2								1.9	5.4
NE	.9	.6	.8									2.5	4.8
ENE	.5	.8	.5	.8	.5	.9						3.4	12.2
E	1.2	1.1	2.2	1.6								6.1	7.4
ESE	.6	.8	1.4									3.0	5.8
SE	1.4	1.4	2.0	.6								5.4	6.3
SSE	.9	3.3	1.0	1.1								6.8	6.7
S	2.6	3.9	1.4	.6								8.6	5.1
SSW	1.1	2.2	.9	.6	.2							5.1	6.6
SW	.1	1.4	1.2	.6								4.0	6.3
WSW	1.2	.9	.8	.2								3.1	5.3
W	2.0	1.9	2.3	.9								7.2	6.2
WNW	1.2	2.5	2.2	1.6	.2							7.6	7.4
NW	1.9	2.0	3.7	1.7	.5							9.8	7.8
NNW	1.9	2.6	1.9	2.2	1.2							9.8	3.4
VARBL													
CALM												12.1	
	19.9	27.5	24.3	13.1	2.6	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

643

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12807 STATION 12807 PATRICK AFB FL/COCOA BEACH STATION NAME 67-73 YEARS 0FC MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	.8	.5	.2							4.4	7.2
NNE	.3	.9	.2									1.4	4.9
NE	.3	.2	.2	.3		.2						1.1	3.9
ENE	.3	.3	.2	.5	.2	.3						1.7	11.6
E	.5	1.4	1.6	2.5								6.0	9.1
ESE	.5	.5	.6									1.6	5.6
SE	.2	1.6	.9	1.1								3.8	8.3
SSE	1.1	1.7	1.7	.5								5.0	6.3
S	2.6	2.5	3.1	.8								9.3	6.0
SSW	1.4	2.2	.6	.6								5.2	5.5
SW	1.1	1.4	.9									3.5	5.2
WSW	.6	.8	.2	.2	.2							2.2	6.4
W	1.0	2.4	1.3	.5								5.7	5.7
WNW	1.9	2.2	1.9	1.1								7.1	6.4
NW	2.2	3.6	3.6	3.0	1.1	.2						14.0	8.7
NNW	3.0	3.5	5.2	2.4	.9							14.9	7.9
VARBL													
CALM												13.3	
	18.7	27.0	23.3	14.0	2.7	.8						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

637

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

0FC
NORTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.7	1.1	.4							6.1	7.4
NNE	.1	.5		.1								.7	6.3
NE	.0	.6	.2	.2								1.9	6.8
ENE	.2	.5	.0	.1		.4						1.8	9.9
E	.0	1.0	2.1	1.3	.1							5.1	8.6
ESE	1.1	.9	.5	.2								2.7	5.2
SE	.2	1.5	1.6	.7								4.0	7.5
SSE	.9	1.2	.4	.7								3.2	6.9
S	1.7	1.2	2.7	.9								6.4	6.9
SSW	1.9	1.9	.9	.6								5.4	5.7
SW	1.9	1.5	.7									4.1	4.1
WSW	1.3	1.0	.7									3.0	4.7
W	1.9	1.1	1.0	.9								4.9	5.9
WNW	1.6	2.7	2.3	.2	.1							6.9	6.1
NW	2.1	4.0	3.8	3.0	.9	.1						13.9	8.3
NNW	2.9	4.0	5.3	3.3	.7							17.2	8.1
VARBL													
CALM												12.5	
	20.7	24.9	25.2	13.9	2.3	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

822

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12847
STATION

PATRICK AFB FL/COCOA BEACH

57-76

YEARS

DEC
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	3.4	1.4	.1							8.6	7.6
NNE	.9	1.3	.8	.3								3.2	5.9
NE	.3	.4	.5	.5								1.8	7.6
ENE	.8	.9	1.1	.1	.1	.2						3.1	7.7
E	.5	1.5	2.5	1.4	.1							6.1	8.1
ESE	.8	1.1	.8	.2								2.8	5.8
SE	.8	1.7	2.5									4.9	6.2
SSE	.2	1.8	2.7	.4	.1							5.3	7.7
S	.5	1.0	2.6	1.9								6.1	8.8
SSW	.3	1.8	1.8	1.2	.1							5.3	8.3
SW	.5	1.8	1.5	.3								4.2	6.5
WSW	1.0	1.5	1.1									3.6	5.3
W	1.4	2.6	1.4	.6	.3							6.4	6.7
WNW	1.1	1.5	2.1	1.1	.4							1.1	7.9
NW	1.6	2.8	4.0	2.5	.4							1.1	8.3
NNW	2.2	3.9	7.4	4.1	.4	.1						18.1	8.3
VARBL													
CALM												3.0	
	13.9	28.3	36.0	16.2	2.2	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12807 PATRICK AFB FL/COCOA BEACH STATION NAME YEARS 67-76 DEC NORTH
HOURS (L.S.T.) 1200-1400

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.6	4.6	.8	.2	.1					13.0	10.0
NNE	.5	3.7	3.5	1.2								8.9	7.4
NE	.8	3.0	.8	.5								5.1	5.8
ENE	1.3	2.4	.9	.4	.1	.2						5.3	6.5
E	1.7	3.9	2.4	.8								8.8	5.9
ESE	.8	2.4	2.3	.1								5.5	6.1
SE		2.4	3.6	.4								6.4	7.6
SSE	.3	2.0	5.0	2.5	.1							9.9	8.9
S	.2	.2	1.2	.7	.1							2.4	9.5
SSW	.3	1.3	1.6	.3								3.6	11.5
SW	1.1	1.4	.3									2.8	7.8
WSW	.1	.8	1.6	.4	.1							3.0	8.5
W	.4	1.0	2.3	1.6	.2							5.5	9.2
WNW	.4	.4	2.0	2.2	.3	.1						5.4	10.3
NW	.3	1.4	1.8	1.0	.1							4.7	8.1
NNW	.3	2.5	3.7	1.7	.2							8.5	8.6
VARBL													
CALM												1.1	
	8.3	30.3	37.2	20.1	2.4	.5	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 921

5
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS DEC MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	4.0	4.9	.7							12.0	10.6
NNE	.7	2.6	3.9	1.0								8.1	7.5
NE	1.1	4.7	2.0	.5								8.9	6.0
ENE	1.1	2.4	1.8	.5	.2							5.9	6.6
E	2.3	4.9	1.6	.8								9.5	5.4
ESE	1.5	4.3	1.7									7.6	5.1
SE	1.0	3.5	3.3	.8								8.5	6.8
SSE	.3	2.1	4.5	3.0								10.3	9.0
S	.1	1.3	1.3	.8								3.5	8.0
SSW		.3	.9	1.1								2.3	9.4
SW		.5	.9	.4								1.8	8.8
WSW	.1	.8	.5	.2								1.6	7.2
W	.3	1.4	2.6	2.1								6.4	9.0
WNW	.3	1.2	2.0	1.6	.3							5.9	10.1
NW	.1	1.1	1.0	.3								2.5	7.5
NNW	.2	2.0	1.4	.9								4.4	7.5
VARBL													
CALM												.9	
	9.8	34.6	34.3	18.9	1.6	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

000
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	4.9	3.1	.1							13.0	8.1
NNE	1.1	3.0	1.8	.3	.2	.1						6.6	6.5
NE	1.4	2.0	.9	.7	.3							5.2	6.8
ENE	1.2	1.7	1.4	.1	.2	.1						4.8	6.4
E	1.0	3.0	1.8	.9								7.4	6.0
ESE	1.5	1.6	1.0	.2								4.3	5.1
SE	1.4	2.9	2.8	1.0	.1							8.3	6.7
SSE	1.5	3.7	5.1	1.2								11.5	7.0
S	1.2	2.3	2.6	1.2								7.5	7.2
SSW	.4	.7	.9	.1								2.1	6.1
SW	.2	.5	.3	.2								1.3	6.6
WSW	.1	.4	1.1									1.6	7.1
W	.7	1.4	2.4	.4								4.9	7.3
WNW	.7	1.6	2.2	1.7								6.2	8.3
NW	.3	1.4	1.2	.4								3.4	6.8
NNW	.4	1.6	2.5	1.2	.1							5.9	8.1
VARBL													
CALM												6.1	
	15.3	31.4	33.1	12.8	1.1	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12867
STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-76

YEARS

DEC
MONTH

2100-2300
HOURS (L.E.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	2.2	.6								6.6	6.6
NNE	1.1	1.2	.3	.3								2.9	5.1
NE	1.1	1.2	.6	.2	.4	.1						3.8	7.5
ENE	.2	.5	1.6	.9	.2		.2					4.2	9.7
E	1.1	2.6	1.6	.9								6.2	6.7
ESE	1.0	1.6	.9	.3								3.8	5.8
SE	1.5	1.9	1.7	.3								5.4	5.7
SSE	.7	2.5	3.2	.7								7.0	6.9
S	1.5	4.7	3.2	1.3								10.7	6.5
SSW	1.7	1.0	1.3	.9								4.9	6.2
SW	.2	.7	.9	.4								2.2	7.6
WSW	.3	1.0	.9									2.2	6.0
W	1.0	1.2	2.5	1.2								5.9	7.3
WNW	.2	1.9	2.5	1.6								6.5	8.0
NW	1.1	1.4	1.7	1.6	.2							6.1	7.7
NNW	1.4	3.3	2.6	2.2	.4							10.1	8.0
VARBL													
CALA												11.3	
	16.2	28.8	22.4	13.6	1.3	.1	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

918

U.S. PROCESSING BRANCH
U.S. AIR FORCE
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: PATRICK AFB FL/COCOA BEACH
STATION NAME: PATRICK AFB FL/COCOA BEACH
YEARS: 67-76
ALL MONTHS
ALL HOURS (L.S.T.)

INSTRUMENT: CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE
CLAS: AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.1	4.0	4.2	1.6	.4	.0					14.2	11.0
NNE	.4	.6	1.0	1.2	.1	.1						3.4	9.7
NE	.5	.7	.6	.3	.1	.0						7.7	7.7
NNE	.2	.3	.0	.3	.0	.1						1.6	9.6
E	.3	.8	1.3	.0	.4	.1						3.6	9.8
ESE	.4	.6	.0	.4	.1	.0						2.2	9.2
SE	.1	.5	1.0	.6	.2	.0						2.6	9.9
SSE	.2	.6	.0	.4	.2	.0						2.8	9.9
S	.4	1.4	1.0	1.2	.0	.0						4.5	7.8
SSW	.4	.8	2.2	1.5	.1	.0						5.1	9.1
SW	.7	1.9	1.7	1.3	.1	.0						5.8	8.0
WSW	.6	3.0	2.0	.5	.5							6.7	7.3
W	1.9	2.9	2.0	1.0	.3	.1						8.5	7.4
WNW	1.1	2.4	2.9	1.5	.2	.2						8.3	5.2
NW	1.1	1.6	2.0	1.9	.5	.1						8.1	8.8
NNW	1.4	2.6	4.0	4.7	1.0	.2	.1					14.1	10.0
VARBL													
CALM												6.0	
	10.9	22.9	29.9	23.0	5.8	1.4	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 2030

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	≥ 0
NO CEILING												
≥ 1800												
≥ 1500					91.0							92.6
≥ 1200												
≥ 1000												
≥ 900												
≥ 800												
≥ 700												
≥ 600												
≥ 500									97.4			98.1
≥ 400												
≥ 300												
≥ 200												
≥ 100					95.4		96.9		98.3			
≥ 0												100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

EXAMPLE # 4

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

EXAMPLE # 5

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION

PATRICK AFB FL/COCOA BEACH

67-76

STATION NAME

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	> 1/8	≥ 0
NO CEILING	58.7	64.2	64.0	65.0	65.0	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 20000	67.0	73.6	74.2	74.5	74.5	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 18000	67.1	73.7	74.2	74.6	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 16000	67.2	73.8	74.3	74.7	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 14000	67.8	74.5	75.0	75.4	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 12000	69.8	76.9	77.6	78.0	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7
≥ 10000	74.0	82.2	82.8	83.3	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 9000	74.5	82.8	83.5	84.0	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 8000	76.2	85.0	85.7	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
≥ 7000	76.8	85.8	86.6	87.1	87.5	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 6000	77.7	86.8	87.7	88.2	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 5000	79.2	88.8	89.7	90.2	90.6	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 4500	79.8	89.3	90.2	90.7	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 4000	80.6	90.7	91.6	92.3	92.7	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 3500	81.2	91.5	92.4	93.1	93.5	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1
≥ 3000	81.9	92.7	93.7	94.5	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 2500	82.3	93.4	94.4	95.2	95.7	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 2000	82.8	94.2	95.3	96.1	96.6	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 1800	82.9	94.3	95.4	96.3	96.8	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1500	83.1	94.6	95.8	96.6	97.2	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	98.0
≥ 1200	83.3	94.9	96.1	96.9	97.6	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.4
≥ 1000	83.3	95.1	96.3	97.2	97.9	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.7
≥ 900	83.4	95.1	96.4	97.3	98.1	98.2	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 800	83.4	95.3	96.5	97.4	98.1	98.2	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 700	83.5	95.4	96.6	97.5	98.2	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 600	83.5	95.4	96.6	97.7	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 500	83.5	95.5	96.7	97.8	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 400	83.5	95.5	96.9	97.8	98.6	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 300	83.5	95.5	96.9	97.8	98.6	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	83.5	95.5	96.9	97.8	98.6	98.6	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 100	83.5	95.5	96.9	97.8	98.6	98.6	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	83.5	95.5	96.9	97.8	98.6	98.6	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.7	99.7
0	83.5	95.5	96.9	97.8	98.6	98.6	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

9911

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB TX/COCOA BEACH STATION NAME 67-76 YEARS

AK
W. STATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING FEET.	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	54.4	59.5	61.2	61.6	62.1	62.3	62.5	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.1
≥ 18000	59.1	64.0	66.4	67.2	67.8	67.9	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.6	68.8
≥ 16000	59.1	65.0	66.8	67.2	67.8	67.9	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.6	68.9
≥ 14000	59.1	66.1	66.8	67.3	67.8	68.0	68.2	68.3	68.3	68.4	68.5	68.5	68.5	68.6	68.9
≥ 12000	59.7	66.7	67.5	67.9	68.5	68.6	68.9	69.0	69.0	69.1	69.2	69.2	69.2	69.3	69.6
≥ 10000	60.9	68.2	68.9	69.4	70.0	70.1	70.4	70.5	70.5	70.6	70.7	70.8	70.8	70.9	71.1
≥ 9000	63.8	71.5	72.5	73.0	73.6	73.8	74.1	74.2	74.2	74.3	74.4	74.4	74.5	74.6	74.8
≥ 8000	64.2	72.2	73.1	73.7	74.2	74.4	74.7	74.8	74.8	75.0	75.0	75.1	75.1	75.2	75.4
≥ 7000	66.4	74.9	75.9	76.5	77.1	77.3	77.6	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.3
≥ 6000	67.3	76.2	77.2	77.8	78.5	78.6	78.9	79.0	79.1	79.2	79.3	79.3	79.4	79.5	79.7
≥ 5000	69.1	78.3	79.4	80.0	80.7	80.9	81.2	81.3	81.3	81.4	81.5	81.6	81.6	81.7	81.9
≥ 4500	71.3	80.8	82.0	82.8	83.4	83.6	83.9	84.0	84.1	84.2	84.3	84.4	84.4	84.5	84.7
≥ 4000	71.8	81.4	82.6	83.3	84.0	84.1	84.5	84.6	84.6	84.8	84.8	84.9	85.0	85.1	85.2
≥ 3500	73.4	83.4	84.6	85.4	86.1	86.3	86.6	86.7	86.8	86.9	87.0	87.1	87.1	87.2	87.5
≥ 3000	74.4	84.7	86.0	86.8	87.5	87.7	88.0	88.1	88.2	88.3	88.4	88.5	88.5	88.6	88.8
≥ 2500	75.4	86.1	87.3	88.2	89.0	89.1	89.5	89.6	89.7	89.8	89.9	90.0	90.0	90.1	90.3
≥ 2000	76.0	87.0	88.3	89.2	90.0	90.2	90.5	90.7	90.7	90.9	91.0	91.1	91.1	91.2	91.4
≥ 1800	76.6	88.1	89.5	90.5	91.3	91.6	91.9	92.1	92.2	92.3	92.4	92.6	92.6	92.7	92.9
≥ 1500	76.9	88.2	89.9	90.9	91.7	92.0	92.4	92.5	92.6	92.8	92.9	93.0	93.0	93.1	93.4
≥ 1200	77.3	89.0	90.5	91.5	92.3	92.6	92.9	93.1	93.2	93.4	93.5	93.6	93.6	93.7	94.0
≥ 1000	77.6	89.6	91.2	92.3	93.2	93.4	93.9	94.1	94.2	94.3	94.5	94.6	94.6	94.7	95.0
≥ 900	77.7	90.0	91.7	92.9	93.8	94.1	94.5	94.8	94.9	95.1	95.2	95.3	95.4	95.5	95.7
≥ 800	77.8	90.2	92.0	93.1	94.1	94.3	94.8	95.0	95.2	95.4	95.5	95.6	95.7	95.8	96.0
≥ 700	77.8	90.6	92.4	93.5	94.6	94.9	95.4	95.6	95.7	96.0	96.1	96.3	96.3	96.4	96.6
≥ 600	77.9	90.9	92.9	94.1	95.2	95.5	96.1	96.3	96.4	96.6	96.8	96.9	97.0	97.1	97.3
≥ 500	78.2	91.4	93.3	94.7	95.9	96.1	96.7	97.0	97.1	97.3	97.5	97.6	97.7	97.8	98.0
≥ 400	78.3	91.6	93.6	95.0	96.3	96.5	97.2	97.4	97.6	97.8	98.0	98.2	98.2	98.3	98.6
≥ 300	78.3	91.7	93.7	95.1	96.4	96.7	97.5	97.8	97.9	98.2	98.4	98.6	98.6	98.7	99.0
≥ 200	78.3	91.7	93.7	95.1	96.5	96.8	97.6	97.9	98.0	98.3	98.6	98.8	98.8	98.9	99.3
≥ 100	78.3	91.7	93.7	95.2	96.5	96.8	97.7	98.0	98.1	98.5	98.8	99.1	99.1	99.3	99.6
≥ 0	78.3	91.7	93.7	95.2	96.5	96.8	97.7	98.0	98.1	98.5	98.8	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5860

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/7MAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/COCOA BEACH

07-75

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	54.3	59.9	60.4	60.7	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.2	61.3
≥ 20000	60.3	66.9	67.4	67.7	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.2	68.3
≥ 18000	60.7	67.1	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.4	68.5
≥ 16000	60.8	67.2	67.7	68.0	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.6
≥ 14000	61.1	67.8	68.3	68.5	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.2
≥ 12000	63.1	70.1	70.8	71.0	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.6	71.7
≥ 10000	66.5	73.8	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.4
≥ 9000	67.0	74.6	75.4	75.7	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.4
≥ 8000	69.2	77.4	78.2	78.6	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.2	79.3
≥ 7000	70.3	79.0	79.8	80.2	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.9
≥ 6000	71.6	80.4	81.3	81.7	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.4
≥ 5000	74.4	83.6	84.6	85.0	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.7	85.8
≥ 4500	75.3	84.6	85.6	86.0	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.7	86.8
≥ 4000	77.1	87.0	88.1	88.7	89.0	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.5
≥ 3500	78.0	88.4	89.5	90.2	90.5	90.5	90.8	90.8	90.8	90.9	90.9	91.0	91.1
≥ 3000	78.7	89.6	90.9	91.7	91.9	92.0	92.3	92.3	92.3	92.4	92.4	92.5	92.6
≥ 2500	79.3	90.3	91.6	92.4	92.7	92.8	93.1	93.1	93.1	93.2	93.2	93.3	93.4
≥ 2000	80.3	91.6	92.9	93.7	94.0	94.1	94.5	94.5	94.5	94.7	94.7	94.7	94.8
≥ 1800	80.6	91.9	93.3	94.1	94.4	94.5	94.9	94.9	95.0	95.1	95.1	95.2	95.3
≥ 1500	80.9	92.5	93.9	94.8	95.2	95.4	95.7	95.8	95.8	96.0	96.0	96.1	96.1
≥ 1200	81.4	93.3	94.7	95.6	96.1	96.2	96.6	96.6	96.7	96.8	96.8	96.9	97.0
≥ 1000	81.5	93.6	95.2	96.1	96.6	96.7	97.1	97.2	97.2	97.3	97.3	97.4	97.5
≥ 900	81.6	93.7	95.3	96.3	96.7	96.9	97.3	97.3	97.4	97.5	97.5	97.6	97.7
≥ 800	81.6	93.9	95.5	96.5	97.0	97.1	97.5	97.6	97.6	97.8	97.8	97.9	98.0
≥ 700	81.7	94.0	95.6	96.7	97.2	97.4	97.9	97.9	98.0	98.1	98.1	98.2	98.3
≥ 600	81.8	94.2	95.9	96.9	97.6	97.8	98.2	98.3	98.4	98.5	98.5	98.6	98.7
≥ 500	81.8	94.2	96.0	97.1	97.9	98.0	98.5	98.6	98.7	98.8	98.8	98.9	99.0
≥ 400	81.9	94.3	96.1	97.2	98.1	98.2	98.8	98.8	98.9	99.1	99.1	99.2	99.3
≥ 300	81.9	94.3	96.1	97.3	98.1	98.3	98.9	99.0	99.1	99.3	99.3	99.4	99.5
≥ 200	81.9	94.3	96.1	97.3	98.2	98.3	98.9	99.0	99.1	99.3	99.3	99.4	99.5
≥ 100	81.9	94.3	96.1	97.3	98.2	98.3	98.9	99.0	99.1	99.3	99.3	99.4	99.5
≥ 0	81.9	94.3	96.1	97.3	98.2	98.3	98.9	99.1	99.1	99.3	99.3	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS

6322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/CUQUA BEACH

07-76

HAZ
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 157

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0
NO CEILING	61.9	66.5	66.9	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.7
≥ 20000	66.7	74.4	74.6	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.7
≥ 18000	68.7	74.5	74.9	75.2	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.8
≥ 16000	68.7	74.5	74.9	75.2	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.8
≥ 14000	59.2	75.1	75.5	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.4
≥ 12000	70.5	75.7	77.2	77.6	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.2
≥ 10000	73.1	79.8	80.3	80.7	80.9	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.3	81.4
≥ 9000	73.8	80.8	81.3	81.7	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.4
≥ 8000	75.1	82.8	83.4	83.9	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.6
≥ 7000	76.2	83.9	84.6	85.1	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.9
≥ 6000	77.2	85.3	86.1	86.7	86.9	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.5
≥ 5000	79.6	88.2	89.0	89.6	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.5
≥ 4000	80.1	89.0	89.8	90.4	90.7	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.3	91.3
≥ 3500	80.9	90.3	91.3	91.9	92.2	92.3	92.4	92.5	92.6	92.7	92.7	92.7	92.8	92.9
≥ 3000	81.6	91.3	92.2	92.9	93.3	93.4	93.5	93.6	93.7	93.8	93.8	93.8	93.9	94.0
≥ 2500	82.5	92.7	93.6	94.3	94.8	94.9	95.0	95.1	95.2	95.3	95.3	95.3	95.4	95.5
≥ 2000	83.6	93.4	94.4	95.1	95.6	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.3
≥ 1800	83.5	94.1	95.1	95.9	96.4	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1
≥ 1500	83.7	94.3	95.3	96.1	96.6	96.8	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.4
≥ 1200	83.8	94.5	95.6	96.4	97.0	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.8
≥ 1000	83.9	94.8	95.9	96.7	97.3	97.5	97.6	97.9	98.0	98.0	98.0	98.1	98.2	98.2
≥ 900	83.9	95.0	96.2	97.0	97.7	97.8	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.6
≥ 800	84.0	95.2	96.3	97.1	97.8	97.9	98.1	98.4	98.5	98.6	98.6	98.7	98.7	98.8
≥ 700	84.1	95.3	96.4	97.3	98.0	98.1	98.3	98.5	98.6	98.8	98.8	98.9	98.9	99.0
≥ 600	84.1	95.4	96.5	97.4	98.1	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.1	99.2
≥ 500	84.2	95.5	96.6	97.5	98.2	98.3	98.6	98.8	98.9	99.1	99.1	99.2	99.3	99.3
≥ 400	84.2	95.5	96.7	97.6	98.3	98.5	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.5
≥ 300	84.2	95.6	96.7	97.6	98.4	98.5	98.8	99.1	99.2	99.3	99.4	99.5	99.5	99.6
≥ 200	84.2	95.6	96.8	97.6	98.4	98.6	98.9	99.2	99.3	99.4	99.5	99.6	99.7	99.8
≥ 100	84.2	95.6	96.8	97.6	98.4	98.6	98.9	99.2	99.3	99.4	99.5	99.6	99.7	99.9
≥ 0	84.2	95.6	96.8	97.6	98.4	98.6	98.9	99.2	99.3	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

6955

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/CUCCA BEACH

67-76

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	63.2	71.3	72.2	73.0	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	68.7	77.5	78.5	79.3	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	68.8	77.7	78.7	79.5	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	68.8	77.7	78.7	79.5	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	69.2	78.1	79.2	80.0	80.4	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	70.3	79.4	80.5	81.4	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	73.5	83.0	84.1	85.0	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	73.9	83.4	84.5	85.4	85.9	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	75.1	85.1	86.3	87.2	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	75.5	85.7	86.8	87.7	88.2	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	76.2	86.6	87.8	88.7	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	78.0	89.1	90.5	91.4	92.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	78.4	89.6	90.9	91.9	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	79.1	90.5	91.8	92.8	93.4	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	79.6	91.2	92.6	93.6	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	80.2	92.2	93.7	94.8	95.5	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	80.6	92.7	94.2	95.3	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	81.1	93.5	95.0	96.1	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	81.1	93.6	95.1	96.2	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	81.4	94.0	95.5	96.7	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	81.5	94.4	95.9	97.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	81.6	94.5	96.1	97.2	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	81.6	94.6	96.2	97.3	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	81.6	94.6	96.2	97.4	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	81.6	94.6	96.2	97.4	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	81.6	94.6	96.3	97.4	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	81.6	94.6	96.3	97.5	98.4	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	81.6	94.6	96.3	97.6	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

6627

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.8	63.5	64.3	65.0	65.9	66.1	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	65.1	74.2	75.2	76.0	77.1	77.2	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8
≥ 16000	65.2	74.3	75.3	76.2	77.2	77.3	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	65.3	74.5	75.4	76.3	77.3	77.5	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1
≥ 12000	65.6	74.9	75.8	76.7	77.8	77.9	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5
≥ 10000	67.3	76.9	77.9	78.6	79.8	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6
≥ 9000	72.2	82.8	83.8	84.9	85.9	86.0	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	72.6	83.4	84.5	85.6	86.6	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	74.1	85.6	86.7	87.8	88.8	89.0	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6
≥ 6000	74.6	86.2	87.4	88.4	89.4	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2
≥ 5000	75.4	87.1	88.3	89.3	90.4	90.5	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	76.7	88.9	90.1	91.2	92.2	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	77.1	89.5	90.7	91.8	92.8	93.0	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	77.7	90.6	91.9	93.0	94.0	94.2	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9
≥ 3000	78.2	91.3	92.6	93.7	94.8	95.0	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	79.1	92.6	93.9	95.1	96.2	96.4	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2
≥ 2000	79.5	93.1	94.5	95.7	96.8	97.0	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1800	79.9	93.6	95.0	96.2	97.4	97.6	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1500	80.1	93.7	95.2	96.4	97.6	97.8	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1200	80.2	94.0	95.5	96.7	97.9	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 1000	80.4	94.2	95.7	96.9	98.2	98.4	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3
≥ 900	80.5	94.3	95.8	97.1	98.3	98.5	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5
≥ 800	80.5	94.4	95.9	97.2	98.4	98.6	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6
≥ 700	80.6	94.5	96.0	97.3	98.5	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 600	80.6	94.6	96.1	97.4	98.6	98.9	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8
≥ 500	80.6	94.6	96.2	97.4	98.6	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 400	80.7	94.6	96.2	97.5	98.7	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

6728

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH c7-76 YEARS MONTH ALL HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	51.8	57.0	57.6	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	65.2	72.7	73.3	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	65.3	72.8	73.6	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	65.4	72.9	73.8	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	66.0	73.6	74.3	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	68.9	77.4	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	73.7	84.0	85.2	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	74.1	84.8	85.7	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	75.8	86.7	87.9	88.6	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 7000	76.3	87.5	88.7	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	76.9	88.3	89.5	90.3	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	77.5	89.1	90.4	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	77.6	89.4	90.7	91.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	78.2	90.6	92.0	93.1	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	78.5	91.0	92.5	93.6	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 3000	79.1	91.9	93.3	94.7	95.3	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6
≥ 2500	79.5	92.5	94.1	95.3	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 2000	80.1	93.6	95.3	96.5	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 1800	80.1	93.7	95.3	96.6	97.3	97.4	97.5	97.7	97.7	97.8	97.8	97.9	97.9	97.9
≥ 1500	80.2	94.0	95.7	96.9	97.6	97.7	97.9	98.0	98.0	98.2	98.2	98.3	98.3	98.3
≥ 1200	80.4	94.3	96.0	97.3	98.1	98.2	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8
≥ 1000	80.4	94.3	96.1	97.4	98.2	98.4	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0
≥ 900	80.4	94.4	96.2	97.5	98.4	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 800	80.4	94.4	96.2	97.6	98.4	98.6	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2
≥ 700	80.5	94.5	96.3	97.7	98.6	98.7	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4
≥ 600	80.5	94.6	96.4	97.8	98.7	98.9	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6
≥ 500	80.5	94.6	96.4	97.9	98.8	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7
≥ 400	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8
≥ 300	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9
≥ 200	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9
≥ 100	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9
≥ 0	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

6512

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH

47-76

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	61.0	64.2	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	75.7	80.4	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	75.9	80.6	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	76.0	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	77.3	82.2	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	79.7	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	80.0	83.1	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	86.3	93.5	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	87.1	94.7	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	87.4	95.0	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	87.5	95.1	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	87.9	95.8	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	88.0	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	88.2	96.2	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	88.3	96.5	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	88.8	97.5	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	89.0	97.8	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	89.2	98.1	98.7	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	89.2	98.1	98.8	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	89.3	98.2	98.9	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	89.3	98.2	98.9	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	89.3	98.2	98.9	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	89.3	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	89.3	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	89.4	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

6753

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

47-76

YEARS

AUG.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	65.2	69.3	69.7	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	76.5	82.1	82.0	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	76.5	82.3	82.7	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	76.7	82.4	82.9	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	77.2	83.0	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	80.1	86.3	86.8	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	85.7	93.2	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	86.3	93.7	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	87.0	94.9	95.4	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	87.0	95.0	95.5	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	87.2	95.1	95.7	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	87.3	95.4	96.0	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	87.3	95.5	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	87.6	95.9	96.5	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	87.8	96.1	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	88.3	96.9	97.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	88.5	97.2	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	88.8	97.7	98.5	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	88.8	97.8	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	88.9	97.8	98.7	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	88.9	97.9	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	89.0	97.9	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	89.0	97.9	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	89.0	98.0	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	89.0	98.0	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	89.0	98.0	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

5694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

12867 STATION

PATRICK AFB FL/COCOA BEACH

67-76

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	60.0	64.4	64.6	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	72.2	77.3	77.6	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	72.3	77.4	77.7	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	72.4	77.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	73.2	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	75.6	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	81.4	88.7	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	81.8	89.3	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	83.3	91.2	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	83.6	91.5	92.0	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	83.9	91.8	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	84.6	92.7	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	84.8	93.0	93.5	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	85.3	93.6	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	85.6	94.0	94.6	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	86.4	95.2	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	86.9	96.0	96.7	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 2000	87.3	96.8	97.5	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1800	87.3	96.8	97.6	98.1	98.4	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1500	87.5	97.1	97.9	98.4	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1200	87.6	97.2	98.0	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	87.7	97.3	98.1	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	87.7	97.4	98.3	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	87.8	97.5	98.3	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	87.8	97.5	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	87.8	97.5	98.4	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	87.8	97.5	98.4	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	87.8	97.5	98.4	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	87.8	97.6	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	87.8	97.6	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	87.8	97.6	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
0	87.8	97.6	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

6512

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

ACT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	55.3	61.6	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	62.8	70.2	70.7	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	62.3	70.3	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	62.3	70.3	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	63.7	71.1	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	66.0	74.0	74.5	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	71.1	80.1	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	71.7	81.0	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	74.0	84.7	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	74.3	85.0	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	75.1	86.0	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	76.5	88.0	88.8	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	76.9	88.4	89.2	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	78.0	90.0	91.0	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	78.8	91.1	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	79.8	93.7	94.8	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	80.2	94.6	95.7	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	80.6	95.5	96.7	97.4	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	80.7	95.6	96.8	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	80.8	95.9	97.1	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	80.8	96.0	97.3	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	80.8	96.1	97.4	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	80.8	96.2	97.4	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	80.8	96.2	97.5	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	80.9	96.3	97.6	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	80.9	96.4	97.7	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	80.9	96.4	97.7	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	80.9	96.4	97.7	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	80.9	96.4	97.8	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	80.9	96.4	97.8	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	80.9	96.4	97.8	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	80.9	96.4	97.8	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

6731

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH

67-76

NETV

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	60.9	66.1	66.4	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 20000	65.6	71.3	71.7	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4
≥ 18000	65.6	71.3	71.7	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4
≥ 16000	65.6	71.4	71.7	71.9	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 14000	66.4	72.3	72.7	72.9	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4
≥ 12000	69.2	75.5	75.9	76.1	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.6
≥ 10000	72.7	79.8	80.2	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 9000	73.2	80.3	80.8	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.6
≥ 8000	75.4	83.0	83.6	83.8	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
≥ 7000	76.9	85.0	85.6	85.9	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 6000	78.2	86.6	87.2	87.5	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 5000	80.8	89.6	90.2	90.5	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 4500	81.3	90.1	90.7	91.0	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 4000	83.1	92.3	92.9	93.3	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 3500	83.7	93.0	93.7	94.1	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 3000	84.5	94.2	95.0	95.4	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3
≥ 2500	84.8	94.3	95.6	96.1	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 2000	85.1	95.5	96.3	96.8	97.2	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 1800	85.2	95.6	96.4	97.0	97.4	97.5	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 1500	85.3	95.9	96.7	97.3	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4
≥ 1200	85.4	96.1	97.0	97.6	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7
≥ 1000	85.4	96.2	97.1	97.8	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9
≥ 900	85.5	96.2	97.2	97.8	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0
≥ 800	85.5	96.4	97.3	98.0	98.5	98.6	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 700	85.6	96.4	97.4	98.2	98.6	98.8	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	85.6	96.4	97.5	98.3	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.6
≥ 500	85.6	96.4	97.5	98.3	98.9	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8
≥ 400	85.6	96.5	97.6	98.4	99.0	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9

6501

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS DEC 1967

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	60.1	65.1	65.4	65.9	66.0	66.0	66.1	66.1	66.2	66.3	66.4	66.4	66.5	66.5	
≥ 20000	63.9	69.7	70.1	70.6	70.8	70.8	70.9	70.9	71.1	71.1	71.2	71.2	71.3	71.4	
≥ 18000	63.9	69.7	70.1	70.6	70.8	70.8	70.9	70.9	71.1	71.1	71.2	71.2	71.3	71.4	
≥ 16000	64.0	69.9	70.3	70.8	71.0	71.0	71.1	71.1	71.3	71.3	71.4	71.4	71.5	71.6	
≥ 14000	64.2	70.1	70.5	70.9	71.2	71.2	71.3	71.3	71.5	71.5	71.6	71.6	71.7	71.8	
≥ 12000	65.8	72.0	72.3	72.8	73.1	73.1	73.2	73.2	73.4	73.4	73.5	73.5	73.6	73.7	
≥ 10000	68.9	75.9	76.3	76.8	77.1	77.1	77.2	77.2	77.4	77.4	77.5	77.5	77.6	77.7	
≥ 9000	69.6	76.6	77.0	77.6	77.8	77.8	78.0	78.1	78.2	78.2	78.3	78.3	78.4	78.5	
≥ 8000	71.5	79.0	79.4	80.0	80.2	80.2	80.4	80.4	80.6	80.6	80.7	80.7	80.8	80.9	
≥ 7000	72.3	79.9	80.3	80.9	81.1	81.2	81.3	81.4	81.5	81.6	81.6	81.7	81.8	81.9	
≥ 6000	73.7	81.5	82.0	82.6	82.9	82.9	83.1	83.1	83.3	83.4	83.4	83.5	83.6	83.7	
≥ 5000	75.8	84.2	84.8	85.4	85.8	85.8	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	
≥ 4500	76.4	85.1	85.7	86.3	86.7	86.8	87.0	87.1	87.3	87.3	87.4	87.5	87.6	87.7	
≥ 4000	78.6	87.8	88.4	89.2	89.6	89.7	90.0	90.1	90.3	90.4	90.4	90.5	90.6	90.7	
≥ 3500	79.5	89.0	89.7	90.5	90.9	91.1	91.3	91.4	91.6	91.7	91.8	91.9	92.0	92.1	
≥ 3000	80.3	90.1	90.8	91.7	92.2	92.3	92.6	92.7	92.9	92.9	93.0	93.1	93.2	93.3	
≥ 2500	80.9	91.0	91.8	92.6	93.1	93.3	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	
≥ 2000	81.4	92.0	92.8	93.8	94.4	94.6	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	
≥ 1800	81.6	92.2	93.0	94.0	94.6	94.8	95.1	95.3	95.5	95.6	95.7	95.8	95.9	96.0	
≥ 1500	81.7	92.5	93.4	94.4	95.1	95.2	95.6	95.7	95.8	96.0	96.1	96.2	96.3	96.4	
≥ 1200	82.0	92.9	93.9	94.9	95.6	95.8	96.2	96.3	96.4	96.6	96.7	96.8	96.9	97.0	
≥ 1000	82.1	93.1	94.1	95.2	95.9	96.1	96.5	96.7	96.7	97.0	97.0	97.1	97.2	97.3	
≥ 900	82.3	93.4	94.4	95.5	96.2	96.4	96.8	97.0	97.3	97.3	97.5	97.5	97.6	97.7	
≥ 800	82.4	93.6	94.6	95.8	96.5	96.7	97.1	97.3	97.3	97.7	97.7	97.8	97.9	98.0	
≥ 700	82.5	93.9	94.9	96.0	96.7	97.0	97.4	97.6	97.6	97.9	98.0	98.0	98.1	98.2	
≥ 600	82.6	94.0	95.0	96.1	96.9	97.2	97.6	97.8	98.0	98.1	98.2	98.3	98.4	98.5	
≥ 500	82.7	94.1	95.2	96.4	97.2	97.5	97.9	98.2	98.5	98.5	98.6	98.7	98.8	98.9	
≥ 400	82.7	94.1	95.2	96.4	97.3	97.6	98.0	98.4	98.5	98.7	98.8	98.9	99.0	99.1	
≥ 300	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.5	98.6	98.9	99.0	99.1	99.2	99.3	
≥ 200	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.6	98.7	99.1	99.2	99.3	99.4	99.5	
≥ 100	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.6	98.7	99.1	99.2	99.3	99.4	99.5	
0	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.6	98.7	99.1	99.2	99.3	99.4	99.5	

TOTAL NUMBER OF OBSERVATIONS

6716

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 PATRICK AFB FL/COCOA BEACH

67-75

JAN

STATION NAME

YEARS

0000-0200
HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	56.5	63.4	64.6	65.2	65.7	66.0	66.3	66.4	66.7	66.8	66.8	66.8	66.9	66.9
≥ 20000	58.6	65.7	66.9	67.5	68.0	68.3	68.6	68.7	69.0	69.1	69.1	69.3	69.4	69.4
≥ 18000	58.6	65.7	66.9	67.5	68.0	68.3	68.6	68.7	69.0	69.1	69.1	69.3	69.4	69.4
≥ 16000	58.6	65.7	66.9	67.5	68.0	68.3	68.6	68.7	69.0	69.1	69.1	69.3	69.4	69.4
≥ 14000	59.0	66.1	67.4	68.3	68.4	68.7	69.0	69.1	69.4	69.5	69.5	69.7	69.8	69.8
≥ 12000	59.1	66.4	67.6	68.3	68.9	69.1	69.4	69.5	69.8	70.0	70.0	70.1	70.2	70.2
≥ 10000	62.1	70.0	71.2	71.9	72.4	72.7	73.0	73.1	73.4	73.5	73.5	73.7	73.8	73.8
≥ 9000	62.6	70.5	71.7	72.4	73.0	73.3	73.5	73.7	73.9	74.1	74.1	74.2	74.3	74.3
≥ 8000	66.1	74.9	76.1	76.8	77.4	77.6	77.9	78.1	78.3	78.5	78.5	78.6	78.7	78.7
≥ 7000	67.1	76.1	77.4	78.3	78.9	79.1	79.4	79.6	79.8	80.0	80.0	80.1	80.2	80.2
≥ 6000	69.8	79.3	80.5	81.5	82.0	82.3	82.6	82.7	83.0	83.1	83.1	83.3	83.4	83.4
≥ 5000	72.6	82.3	83.7	84.6	85.2	85.5	85.7	85.9	86.1	86.3	86.3	86.4	86.6	86.6
≥ 4500	72.8	82.7	84.1	85.0	85.6	85.9	86.1	86.3	86.6	86.7	86.7	86.8	87.0	87.0
≥ 4000	74.6	84.8	86.1	87.2	87.8	88.1	88.3	88.5	88.8	88.9	88.9	89.0	89.2	89.2
≥ 3500	75.7	86.1	87.5	88.6	89.2	89.4	89.7	89.8	90.1	90.3	90.3	90.4	90.5	90.5
≥ 3000	76.3	86.7	88.1	89.3	90.1	90.4	90.7	90.7	90.8	91.1	91.2	91.4	91.5	91.5
≥ 2500	77.0	87.8	89.2	90.4	91.2	91.5	91.8	91.8	92.3	92.5	92.5	92.6	92.7	92.7
≥ 2000	77.5	88.5	89.8	91.4	92.2	92.5	92.7	92.7	93.3	93.4	93.4	93.6	93.7	93.7
≥ 1800	77.5	88.8	90.1	91.6	92.5	92.7	93.0	93.1	93.6	93.7	93.7	93.8	94.0	94.0
≥ 1500	78.1	89.3	90.7	92.2	93.0	93.3	93.6	93.7	94.2	94.4	94.4	94.5	94.7	94.7
≥ 1200	78.6	90.0	91.4	92.9	93.7	94.0	94.5	94.5	94.7	95.2	95.3	95.5	95.6	95.6
≥ 1000	78.6	90.0	91.4	92.9	93.7	94.0	94.5	94.5	94.7	95.2	95.3	95.5	95.6	95.6
≥ 900	78.7	90.1	91.5	93.0	94.0	94.2	94.8	94.9	95.5	95.6	95.6	95.7	95.9	95.9
≥ 800	78.7	90.3	91.6	93.1	94.1	94.4	94.9	94.9	95.6	95.7	95.7	95.9	96.0	96.0
≥ 700	79.0	91.1	92.7	94.2	95.3	95.6	96.2	96.2	96.8	97.0	97.0	97.3	97.3	97.3
≥ 600	79.6	91.8	93.4	94.9	96.2	96.4	97.1	97.3	97.9	98.2	98.2	98.4	98.5	98.5
≥ 500	80.0	92.2	93.8	95.3	96.7	97.0	97.7	97.6	98.5	98.8	98.8	98.9	99.0	99.0
≥ 400	80.0	92.2	93.8	95.5	96.8	97.1	97.8	97.9	98.6	98.9	98.9	99.0	99.2	99.2
≥ 300	80.0	92.2	93.8	95.5	96.8	97.1	97.8	97.9	98.6	98.9	98.9	99.0	99.2	99.2
≥ 200	80.0	92.2	93.8	95.5	96.8	97.1	97.8	97.9	98.6	98.9	98.9	99.0	99.2	99.2
≥ 100	80.0	92.2	93.8	95.5	96.8	97.1	97.8	97.9	98.6	98.9	98.9	99.0	99.2	99.2
≥ 0	80.0	92.2	93.8	95.5	96.8	97.1	97.8	97.9	98.6	98.9	98.9	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

729

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 PATRICK AFB FL/CDOA BEACH

7-74

1041

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	53.0	59.9	61.3	62.6	63.0	63.1	63.3	64.2	64.4	64.4	64.5	64.5	64.6	64.9
≥ 20000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 18000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 16000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 14000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 12000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 10000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 9000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 8000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 7000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 6000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 5000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 4500	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 4000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 3500	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 3000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 2500	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 2000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 1800	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 1500	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 1200	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 1000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 900	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 800	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 700	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 600	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 500	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 400	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 300	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 200	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 100	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6
≥ 0	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.4	68.6

TOTAL NUMBER OF OBSERVATIONS

724

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

97-76

JAN

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0800-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ 0
NO CEILING	43.6	52.9	53.8	55.0	57.2	57.8	58.8	59.1	59.1	59.6	59.6	59.6	60.1
≥ 20000	46.4	56.8	57.8	59.0	61.4	62.0	62.9	63.3	63.3	63.8	63.8	63.8	64.4
≥ 18000	46.4	56.3	57.8	59.0	61.4	62.0	62.9	63.3	63.3	63.8	63.8	63.8	64.4
≥ 16000	46.4	56.8	57.8	59.0	61.4	62.0	62.9	63.3	63.3	63.8	63.8	63.8	64.4
≥ 14000	46.9	57.4	58.4	59.6	62.1	62.7	63.6	64.0	64.0	64.5	64.5	64.5	65.0
≥ 12000	48.5	59.6	60.7	61.8	64.3	64.9	65.8	66.2	66.2	66.8	66.8	66.8	67.4
≥ 10000	51.5	63.1	64.3	65.6	68.1	68.8	69.7	70.1	70.1	70.7	70.7	70.7	71.3
≥ 9000	51.5	63.1	64.4	65.7	68.2	68.9	69.8	70.2	70.2	70.8	70.8	70.8	71.4
≥ 8000	53.0	64.9	66.2	67.5	70.1	70.8	71.7	72.1	72.1	72.7	72.7	72.7	73.3
≥ 7000	53.7	66.0	67.3	68.6	71.1	72.0	72.9	73.3	73.3	73.9	73.9	73.9	74.4
≥ 6000	55.2	67.8	69.1	70.4	73.0	73.9	74.8	75.1	75.1	75.7	75.7	75.7	76.3
≥ 5000	58.1	71.0	72.4	73.7	76.3	77.1	78.1	78.4	78.4	79.0	79.0	79.0	79.6
≥ 4500	58.4	71.4	72.8	74.1	76.7	77.5	78.4	78.8	78.8	79.4	79.4	79.4	80.0
≥ 4000	60.1	73.4	74.8	76.1	78.7	79.5	80.4	80.8	80.8	81.5	81.5	81.5	82.1
≥ 3500	61.4	75.0	76.4	77.7	80.3	81.2	82.1	82.4	82.4	83.2	83.2	83.2	83.7
≥ 3000	62.0	76.0	77.4	78.7	81.4	82.2	83.2	83.5	83.5	84.2	84.2	84.2	84.8
≥ 2500	62.2	76.0	78.2	79.5	82.2	83.0	84.0	84.3	84.3	85.0	85.0	85.0	85.6
≥ 2000	62.9	77.6	79.3	80.6	83.4	84.2	85.2	85.6	85.6	86.3	86.3	86.3	86.9
≥ 1800	63.7	78.4	80.2	81.5	84.3	85.2	86.1	86.6	86.6	87.3	87.3	87.3	87.9
≥ 1500	64.2	79.0	80.8	82.1	84.9	85.7	86.7	87.2	87.2	87.9	88.0	88.0	88.6
≥ 1200	64.5	79.5	81.4	82.7	85.0	86.8	87.9	88.3	88.3	89.0	89.2	89.2	89.8
≥ 1000	65.0	80.3	82.4	83.7	87.0	87.9	88.9	89.5	89.5	90.3	90.5	90.5	91.0
≥ 900	65.1	80.7	82.9	84.2	87.5	88.3	89.5	90.1	90.1	90.9	91.0	91.0	91.6
≥ 800	65.1	80.8	83.0	84.3	88.0	88.8	90.2	90.8	90.8	91.6	91.8	91.8	92.3
≥ 700	65.3	81.4	83.7	85.0	89.5	89.6	91.0	91.6	91.6	92.5	92.6	92.6	93.1
≥ 600	65.7	82.1	84.5	85.7	89.5	90.3	91.9	92.5	92.5	93.3	93.4	93.4	93.9
≥ 500	65.8	82.4	84.9	86.2	90.0	90.8	92.5	93.1	93.1	94.0	94.1	94.1	94.7
≥ 400	65.8	82.7	85.2	86.5	90.5	91.2	92.9	93.5	93.5	94.5	94.7	94.7	95.3
≥ 300	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.2	95.2	95.9
≥ 200	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.2	95.2	95.9
≥ 100	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.2	95.2	95.9
≥ 0	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.2	95.2	95.9

TOTAL NUMBER OF OBSERVATIONS

849

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/COCOA BEACH

67-75

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET.	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	49.6	57.6	58.4	58.9	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.1
≥ 20000	55.0	64.4	65.4	65.9	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1
≥ 18000	55.0	64.4	65.4	65.9	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1
≥ 16000	55.0	64.4	65.4	65.9	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1
≥ 14000	55.5	65.0	66.0	66.6	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.8
≥ 12000	57.3	67.4	68.4	69.0	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.2
≥ 10000	59.0	69.5	70.8	71.5	72.0	72.0	72.0	72.6	72.6	72.7	72.7	72.7	72.7	72.8	73.1
≥ 9000	59.3	70.2	71.7	72.3	72.9	72.9	72.9	73.4	73.4	73.6	73.6	73.6	73.6	73.7	74.0
≥ 8000	61.2	72.3	74.0	74.9	75.5	75.5	75.5	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.6
≥ 7000	62.3	73.8	75.4	76.4	77.0	77.0	77.0	77.6	77.6	77.7	77.7	77.7	77.7	77.8	78.1
≥ 6000	63.4	75.4	77.2	78.1	78.9	78.9	78.9	79.5	79.5	79.6	79.6	79.6	79.6	79.7	80.0
≥ 5000	65.2	77.9	79.7	80.9	81.6	81.6	81.6	82.2	82.2	82.4	82.4	82.4	82.4	82.5	82.8
≥ 4500	66.0	78.7	80.4	81.6	82.4	82.4	82.4	83.0	83.0	83.2	83.2	83.2	83.2	83.3	83.6
≥ 4000	67.3	80.4	82.2	83.4	84.2	84.2	84.2	84.7	84.7	84.9	84.9	84.9	84.9	85.0	85.4
≥ 3500	68.5	81.4	83.2	84.4	85.1	85.1	85.1	85.7	85.7	85.9	85.9	85.9	85.9	86.0	86.3
≥ 3000	69.1	82.7	84.5	85.8	86.6	86.6	86.6	87.2	87.2	87.4	87.4	87.5	87.5	87.7	88.0
≥ 2500	69.5	83.9	85.7	87.0	87.8	87.9	87.9	88.4	88.4	88.6	88.7	88.7	88.7	88.9	89.2
≥ 2000	70.3	85.4	87.2	88.6	89.4	89.6	89.6	90.2	90.2	90.5	90.5	90.5	90.5	90.6	90.9
≥ 1800	70.5	85.8	87.7	89.1	89.8	90.1	90.1	90.6	90.6	90.8	90.9	90.9	90.9	91.0	91.4
≥ 1500	71.0	86.7	88.6	90.1	90.8	91.0	91.0	91.6	91.6	91.8	91.9	91.9	91.9	92.0	92.3
≥ 1200	71.4	87.4	89.5	91.0	91.8	92.0	92.0	92.6	92.6	93.0	93.1	93.1	93.1	93.2	93.6
≥ 1000	71.4	87.9	90.3	91.9	92.7	92.9	93.4	93.7	93.8	94.0	94.1	94.1	94.1	94.2	94.5
≥ 900	71.4	87.9	90.3	91.9	92.8	93.0	93.7	93.9	94.0	94.3	94.4	94.4	94.4	94.5	94.9
≥ 800	71.4	88.1	90.6	92.3	93.3	93.6	94.3	94.5	94.6	95.1	95.2	95.2	95.2	95.3	95.6
≥ 700	71.4	88.2	90.8	92.7	93.8	94.1	94.9	95.1	95.2	95.6	95.7	95.7	95.7	95.8	96.2
≥ 600	71.5	88.5	91.4	93.7	94.8	95.1	95.8	96.1	96.2	96.6	96.7	96.7	96.8	97.2	97.5
≥ 500	71.6	88.9	91.8	94.2	95.5	96.0	96.8	97.0	97.3	97.7	97.9	97.9	98.0	98.4	98.7
≥ 400	71.6	88.9	91.8	94.2	95.6	96.2	97.2	97.5	97.7	98.1	98.5	98.5	98.6	99.0	99.3
≥ 300	71.6	88.9	91.8	94.2	95.7	96.3	97.3	97.7	97.9	98.4	98.7	98.8	98.9	99.3	99.6
≥ 200	71.6	88.9	91.8	94.2	95.8	96.4	97.4	97.8	98.0	98.6	98.9	99.2	99.5	99.8	100.0
≥ 100	71.6	88.9	91.8	94.2	95.8	96.4	97.4	97.8	98.0	98.6	98.9	99.3	99.6	100.0	100.0
≥ 0	71.6	88.9	91.8	94.2	95.8	96.4	97.4	97.8	98.0	98.6	98.9	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76 YEARS JAN MONTH 1200-1400 HOURS 1ST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (S ATU-E MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	55.5	58.1	53.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	63.3	67.4	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	63.3	67.4	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	63.4	67.5	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	63.8	68.0	68.3	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	64.8	69.1	69.5	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	68.8	73.6	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	69.3	74.2	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	71.4	76.5	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	72.6	78.0	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	74.0	79.9	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	76.5	82.3	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	77.3	83.1	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	79.1	85.3	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	79.7	86.2	87.3	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	80.6	87.9	88.9	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	81.0	89.1	90.1	91.1	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	82.2	90.6	91.8	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	82.5	90.8	92.2	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	83.0	91.3	92.8	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	83.3	92.2	93.6	94.7	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	83.3	92.9	94.7	95.7	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	83.6	93.2	95.2	96.2	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	83.6	93.5	95.8	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	83.6	93.8	96.2	97.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	83.6	94.0	96.5	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	83.6	94.1	96.7	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	83.7	94.2	96.8	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	83.7	94.2	96.8	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	83.7	94.2	96.8	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	83.7	94.2	96.8	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	83.7	94.2	96.8	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/CUCOA BEACH
STATION NAME

7-76
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	58.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 20000	65.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
≥ 18000	65.5	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
≥ 16000	65.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5
≥ 14000	66.4	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3
≥ 12000	67.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6
≥ 10000	71.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9
≥ 9000	72.0	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
≥ 8000	73.6	79.7	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
≥ 7000	75.1	81.5	82.0	82.1	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5
≥ 6000	76.6	82.9	83.6	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0
≥ 5000	78.5	85.3	86.1	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 4500	79.1	86.1	86.9	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4
≥ 4000	80.9	88.5	89.3	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9
≥ 3500	81.7	89.6	90.4	90.7	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 3000	82.9	90.8	91.7	92.0	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 2500	83.4	91.5	92.3	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 2000	84.0	92.6	93.5	94.1	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1800	84.1	92.8	93.3	94.4	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
≥ 1500	84.3	93.1	94.3	95.0	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 1200	84.7	93.5	94.9	95.7	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
≥ 1000	84.9	94.2	95.5	96.6	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
≥ 900	84.9	94.4	95.4	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 800	84.9	94.9	96.2	97.3	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 700	84.9	95.3	96.6	97.7	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 600	84.9	95.4	96.7	97.8	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 500	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 300	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 200	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 100	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 0	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

913

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/CDCOA BEACH

67-70

JAN

MONTH

1800-2000

HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	56.5	52.7	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 20000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 18000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 16000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 14000	62.2	69.1	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 12000	63.4	71.0	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 10000	66.4	74.4	75.1	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 9000	66.9	75.3	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 8000	69.1	78.0	78.9	79.1	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8
≥ 7000	69.8	79.0	79.9	80.1	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 6000	72.2	81.5	82.5	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 5000	74.0	83.6	84.8	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 4500	74.4	84.2	85.4	85.7	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 4000	75.8	86.3	87.5	88.0	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9
≥ 3500	77.1	87.8	89.0	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 3000	78.5	89.6	90.6	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 2500	79.0	90.7	92.0	92.5	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5
≥ 2000	79.8	91.9	93.4	94.0	94.5	94.6	94.7	94.8	94.9	95.0	95.2	95.2	95.3
≥ 1800	79.8	92.0	93.5	94.1	94.6	94.7	94.9	95.1	95.3	95.5	95.5	95.5	95.6
≥ 1500	79.9	92.3	94.1	94.6	95.2	95.3	95.5	95.6	95.8	96.0	96.0	96.0	96.2
≥ 1200	80.1	93.1	94.9	95.5	96.0	96.2	96.4	96.5	96.7	96.9	96.9	96.9	97.0
≥ 1000	80.3	93.5	95.4	96.0	96.6	96.7	96.9	97.0	97.3	97.5	97.5	97.5	97.6
≥ 900	80.3	93.6	95.6	96.3	96.8	96.9	97.1	97.3	97.5	97.7	97.7	97.7	97.8
≥ 800	80.3	94.1	96.0	96.7	97.3	97.4	97.6	97.7	97.9	98.1	98.1	98.1	98.2
≥ 700	80.4	94.3	96.3	97.0	97.6	97.7	97.9	98.0	98.2	98.5	98.5	98.5	98.6
≥ 600	80.7	94.5	96.5	97.4	98.0	98.1	98.4	98.5	98.7	98.9	98.9	98.9	99.0
≥ 500	80.7	94.5	96.5	97.4	98.0	98.1	98.4	98.5	98.7	98.9	98.9	98.9	99.0
≥ 400	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.5	99.5	99.5	99.6
≥ 300	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.5	99.5	99.5	99.6
≥ 200	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.5	99.5	99.5	99.6
≥ 100	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.5	99.5	99.5	99.6
≥ 0	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.5	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS

910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

1 JAN
MONTH

2100-2300
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	61.2	67.4	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.4	68.4	68.5
≥ 20000	64.5	70.9	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.9	71.9	72.0
≥ 18000	64.5	70.9	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.9	71.9	72.0
≥ 16000	64.5	70.9	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.9	71.9	72.0
≥ 14000	65.5	71.9	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.9	72.9	73.0
≥ 12000	66.1	72.5	72.9	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.5	73.6	73.6	73.7
≥ 10000	68.9	75.3	76.8	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.5
≥ 9000	69.3	75.8	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.8	77.9	77.9	78.0
≥ 8000	72.7	80.5	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.5	81.6	81.6	81.7
≥ 7000	73.0	81.5	82.3	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.8	82.9	82.9	83.0
≥ 6000	75.2	84.4	84.9	85.0	85.1	85.2	85.4	85.4	85.4	85.4	85.5	85.6	85.6	85.7
≥ 5000	77.0	86.1	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.6	87.7	87.7	87.8
≥ 4500	77.3	86.5	87.3	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.1
≥ 4000	78.9	88.3	89.2	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.8	89.9	89.9	90.0
≥ 3500	80.2	90.0	90.9	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.5	91.5	91.6
≥ 3000	81.8	92.1	93.0	93.1	93.2	93.2	93.5	93.5	93.5	93.5	93.6	93.7	93.7	93.8
≥ 2500	82.8	93.2	94.1	94.2	94.3	94.4	94.8	94.8	94.9	94.9	95.0	95.2	95.2	95.3
≥ 2000	83.4	94.1	94.9	95.3	95.4	95.5	95.9	95.9	96.0	96.0	96.1	96.3	96.3	96.4
≥ 1800	83.6	94.3	95.2	95.5	95.6	95.7	96.1	96.1	96.3	96.3	96.4	96.5	96.5	96.6
≥ 1500	83.8	94.6	95.3	95.8	95.9	96.0	96.5	96.5	96.6	96.6	96.7	96.8	96.8	96.9
≥ 1200	83.9	95.2	96.0	96.4	96.5	96.6	97.0	97.0	97.1	97.1	97.2	97.4	97.4	97.5
≥ 1000	84.0	95.4	96.3	96.6	96.7	96.8	97.2	97.2	97.4	97.4	97.5	97.6	97.6	97.7
≥ 900	84.0	95.4	96.3	96.6	96.7	96.8	97.2	97.2	97.4	97.4	97.5	97.6	97.6	97.7
≥ 800	84.3	95.9	96.8	97.1	97.2	97.4	97.8	97.8	97.9	97.9	98.0	98.1	98.1	98.2
≥ 700	84.6	96.3	97.2	97.7	97.8	97.9	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.9
≥ 600	84.7	96.6	97.6	98.0	98.1	98.2	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.2
≥ 500	84.8	96.7	97.7	98.1	98.2	98.3	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.4
≥ 400	84.8	96.8	97.8	98.3	98.4	98.5	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.9
≥ 300	84.8	96.8	97.8	98.3	98.4	98.5	99.4	99.4	99.6	99.7	99.8	99.9	99.9	100.0
≥ 200	84.8	96.8	97.8	98.3	98.4	98.5	99.4	99.4	99.6	99.7	99.8	99.9	99.9	100.0
≥ 100	84.8	96.8	97.8	98.3	98.4	98.5	99.4	99.4	99.6	99.7	99.8	99.9	99.9	100.0
≥ 0	84.8	96.8	97.8	98.3	98.4	98.5	99.4	99.4	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-74.76 YEARS FEB MONTH 0000-0200 HOURS 1951

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	62.5	65.4	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6
≥ 20000	66.4	70.6	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.8	71.8	71.9	71.9	71.9
≥ 18000	66.3	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9	72.1	72.1	72.1
≥ 16000	66.8	71.0	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.4	72.4	72.4
≥ 14000	67.0	71.2	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.4	72.4	72.5	72.5	72.5
≥ 12000	68.2	72.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.9	73.9	73.9
≥ 10000	70.6	75.1	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.4	76.4	76.6	76.6	76.6
≥ 9000	71.3	75.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.3	77.3	77.3
≥ 8000	73.4	78.1	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.6	79.6	79.6
≥ 7000	74.9	80.0	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.7	81.7	81.7
≥ 6000	77.5	82.7	83.5	83.8	83.8	83.8	83.8	83.8	83.8	84.2	84.2	84.4	84.4	84.4
≥ 5000	79.9	85.3	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.8	86.8	86.9	86.9	86.9
≥ 4500	80.8	86.2	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.7	87.7	87.8	87.8	87.8
≥ 4000	82.1	87.8	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.5	89.5	89.6	89.6	89.6
≥ 3500	83.5	89.8	90.5	90.8	90.8	90.8	90.8	90.8	90.8	91.6	91.6	91.7	91.7	91.7
≥ 3000	83.8	90.8	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.8	92.8	92.9	92.9	92.9
≥ 2500	84.4	91.4	92.3	92.6	92.6	92.6	92.6	92.6	92.6	93.4	93.4	93.5	93.5	93.5
≥ 2000	85.3	92.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	94.4	94.4	94.6	94.6	94.6
≥ 1800	85.4	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.9	94.9	95.0	95.0	95.0
≥ 1500	85.7	93.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	95.9	95.9	96.1	96.1	96.1
≥ 1200	86.6	94.6	95.5	95.8	95.8	95.8	95.8	95.8	95.8	97.0	97.0	97.3	97.3	97.3
≥ 1000	86.8	94.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	97.6	97.6	97.9	97.9	97.9
≥ 900	86.8	94.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	97.6	97.6	97.9	97.9	97.9
≥ 800	86.8	94.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	97.6	97.6	97.9	97.9	97.9
≥ 700	86.8	94.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	97.6	97.6	97.9	97.9	97.9
≥ 600	86.8	94.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	97.6	97.6	97.9	97.9	97.9
≥ 500	86.9	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	98.0	98.0	98.3	98.3	98.3
≥ 400	86.9	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	98.0	98.0	98.3	98.3	98.3
≥ 300	86.9	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	98.0	98.0	98.3	98.3	98.3
≥ 200	86.9	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	98.0	98.0	98.3	98.3	98.3
≥ 100	86.9	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	98.0	98.0	98.3	98.3	98.3
≥ 0	86.9	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	98.0	98.0	98.3	98.3	98.3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 STATION PATRICK AFB FL/COCOA BEACH 07-74,76 YEARS FEB MONTH 0300-0500 HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING ≥ 20000	55.6	61.8	62.3	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.2	63.2
≥ 18000	59.2	62.9	66.3	66.3	66.5	66.5	66.8	66.8	67.1	67.1	67.1	67.1	67.2	67.2
≥ 16000	59.2	65.9	66.3	66.3	66.5	66.5	66.8	66.8	67.1	67.1	67.1	67.1	67.2	67.2
≥ 14000	59.3	66.0	66.5	66.5	66.6	66.6	66.9	66.9	67.2	67.2	67.2	67.2	67.4	67.4
≥ 12000	60.1	66.8	67.2	67.2	67.4	67.4	67.7	67.7	68.0	68.0	68.0	68.0	68.1	68.1
≥ 10000	62.4	69.2	69.7	69.7	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5	70.6	70.6
≥ 9000	65.6	72.4	73.2	73.2	73.3	73.3	73.5	73.5	73.6	73.6	73.6	73.9	74.1	74.1
≥ 8000	65.7	72.6	73.3	73.3	73.5	73.5	73.8	73.8	73.8	73.8	73.8	74.1	74.2	74.2
≥ 7000	67.7	74.7	75.4	75.4	75.6	75.6	75.9	75.9	76.2	76.2	76.2	76.2	76.3	76.3
≥ 6000	68.3	75.3	76.0	76.0	76.2	76.2	76.5	76.5	76.8	76.8	76.8	76.8	76.9	76.9
≥ 5000	70.9	78.1	78.8	78.8	79.0	79.0	79.3	79.3	79.6	79.6	79.6	79.6	79.7	79.7
≥ 4500	74.5	81.8	82.6	82.6	82.7	82.7	83.0	83.0	83.3	83.3	83.3	83.3	83.5	83.5
≥ 4000	75.4	82.9	83.6	83.6	83.8	83.8	84.1	84.1	84.4	84.4	84.4	84.4	84.5	84.5
≥ 3500	76.6	84.1	84.8	84.8	84.9	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.7	85.7
≥ 3000	77.6	85.5	86.3	86.3	86.4	86.4	86.7	86.7	87.0	87.0	87.0	87.0	87.2	87.2
≥ 2500	78.4	86.3	87.3	87.3	87.5	87.5	87.9	87.9	88.2	88.2	88.2	88.2	88.4	88.4
≥ 2000	79.0	87.2	88.2	88.2	88.5	88.5	89.0	89.0	89.3	89.3	89.3	89.3	89.4	89.4
≥ 1800	80.5	89.1	90.2	90.2	90.5	90.5	91.1	91.1	91.4	91.4	91.4	91.4	91.5	91.5
≥ 1500	80.6	89.6	90.6	90.6	90.9	90.9	91.5	91.5	91.8	91.8	91.8	91.8	92.0	92.0
≥ 1200	81.5	90.6	91.8	92.0	92.1	92.1	92.7	92.7	93.0	93.0	93.0	93.0	93.1	93.1
≥ 1000	82.6	92.0	93.3	93.4	93.6	93.6	94.2	94.2	94.5	94.5	94.5	94.5	94.6	94.6
≥ 900	82.7	92.1	93.4	93.6	93.7	93.7	94.3	94.3	94.6	94.6	94.6	94.6	94.8	94.8
≥ 800	82.7	92.1	93.4	93.6	93.9	94.0	94.6	94.6	94.9	94.9	94.9	94.9	95.1	95.1
≥ 700	82.9	92.4	94.0	94.3	94.6	94.6	95.2	95.2	95.5	95.5	95.5	95.5	95.7	95.7
≥ 600	83.3	93.0	94.6	94.9	95.5	95.5	96.1	96.1	96.4	96.4	96.4	96.4	96.6	96.6
≥ 500	83.3	93.1	94.9	95.5	96.4	96.4	97.0	97.0	97.3	97.3	97.3	97.3	97.5	97.5
≥ 400	83.5	93.3	95.1	95.8	96.9	96.9	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2
≥ 300	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.5	98.5	98.5	98.5	98.7	98.7
≥ 200	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.5	98.5	98.5	98.5	98.8	98.8
≥ 100	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.5	98.5	98.5	98.5	98.9	98.9
≥ 0	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807

PATRICK AFB FL/COCOA BEACH

67-74

TIME

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	42.0	52.5	54.3	54.9	55.3	55.3	55.3	55.8	55.8	56.0	56.0	56.2	56.3	56.9
≥ 20000	46.4	58.0	59.8	60.4	60.8	60.8	61.3	61.3	61.3	61.4	61.4	61.7	61.8	62.3
≥ 18000	46.4	58.0	59.8	60.4	60.8	60.8	61.3	61.3	61.3	61.4	61.4	61.7	61.8	62.3
≥ 16000	46.8	58.5	60.3	61.0	61.4	61.4	61.9	61.9	61.9	62.1	62.1	62.3	62.4	62.9
≥ 14000	47.1	59.0	60.8	61.5	61.9	61.9	62.4	62.4	62.4	62.6	62.6	62.8	62.9	63.5
≥ 12000	49.4	61.7	63.6	64.3	64.7	64.7	65.2	65.2	65.2	65.4	65.4	65.6	65.7	66.2
≥ 10000	53.6	66.1	68.3	69.0	69.4	69.4	69.9	69.9	69.9	70.1	70.1	70.3	70.4	70.9
≥ 9000	54.1	66.8	68.9	69.7	70.1	70.1	70.7	70.7	70.7	70.8	70.8	71.1	71.2	71.7
≥ 8000	55.7	68.9	71.4	72.2	72.6	72.6	73.2	73.2	73.2	73.4	73.4	73.6	73.7	74.2
≥ 7000	57.0	70.3	73.4	74.1	74.5	74.5	75.1	75.1	75.1	75.3	75.3	75.5	75.6	76.1
≥ 6000	58.0	72.3	74.9	75.6	75.6	75.6	76.6	76.6	76.6	76.8	76.8	77.2	77.2	77.7
≥ 5000	62.1	74.9	79.4	80.2	80.6	80.6	81.2	81.2	81.2	81.3	81.3	81.6	81.7	82.2
≥ 4500	63.7	78.7	81.2	82.0	82.4	82.4	83.0	83.0	83.0	83.1	83.1	83.4	83.5	84.0
≥ 4000	65.5	81.1	83.6	84.4	84.8	84.8	85.4	85.4	85.4	85.5	85.5	85.8	85.9	86.4
≥ 3500	66.2	82.5	85.0	85.8	86.2	86.2	86.8	86.8	86.8	86.9	86.9	87.2	87.3	87.8
≥ 3000	66.5	83.0	85.8	86.5	87.2	87.2	87.8	87.8	87.8	87.9	87.9	88.2	88.3	88.8
≥ 2500	66.6	83.1	85.9	86.9	87.4	87.4	88.2	88.2	88.2	88.3	88.3	88.6	88.7	89.2
≥ 2000	67.6	84.5	87.3	88.3	89.0	89.0	89.6	89.6	89.6	89.8	89.8	90.2	90.4	90.9
≥ 1800	68.0	85.3	88.1	89.1	89.7	89.7	90.4	90.4	90.4	90.7	90.7	91.1	91.2	91.8
≥ 1500	68.3	85.7	88.5	89.6	90.4	90.4	91.0	91.0	91.0	91.4	91.4	91.6	91.9	92.4
≥ 1200	69.0	86.9	90.0	91.1	91.9	91.9	92.5	92.5	92.5	92.9	92.9	93.3	93.4	93.9
≥ 1000	69.0	87.1	90.1	91.2	92.0	92.0	92.6	92.6	92.6	93.0	93.0	93.4	93.5	94.0
≥ 900	69.2	87.3	90.4	91.5	92.3	92.3	92.9	92.9	92.9	93.3	93.3	93.7	93.8	94.3
≥ 800	69.2	87.6	90.6	91.8	92.6	92.6	93.3	93.3	93.3	93.7	93.7	94.0	94.2	94.7
≥ 700	69.3	87.8	91.1	92.4	93.4	93.4	94.0	94.0	94.0	94.4	94.4	94.8	94.9	95.4
≥ 600	69.4	88.2	91.6	92.9	93.9	93.9	94.5	94.5	94.5	94.9	94.9	95.3	95.4	95.9
≥ 500	69.4	88.3	91.8	93.0	94.4	94.4	95.2	95.2	95.2	95.7	95.7	96.1	96.2	96.7
≥ 400	69.4	88.5	91.9	93.4	94.9	94.9	95.7	95.7	95.7	96.2	96.2	96.6	96.8	97.3
≥ 300	69.4	88.6	92.0	93.7	95.2	95.2	96.2	96.2	96.2	97.0	97.1	97.5	97.6	98.1
≥ 200	69.4	88.7	92.1	93.8	95.3	95.3	96.3	96.3	96.3	97.1	97.2	97.6	97.7	98.2
≥ 100	69.4	88.7	92.1	93.8	95.3	95.3	96.3	96.3	96.3	97.1	97.2	97.6	97.8	98.3
≥ 0	69.4	88.7	92.1	93.8	95.3	95.3	96.3	96.3	96.3	97.1	97.2	97.6	97.8	98.3

TOTAL NUMBER OF OBSERVATIONS

738

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS FEB MONTH 0900-1100 HOURS TST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0
NO CEILING	48.5	55.5	56.3	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.7
≥ 20000	55.8	63.4	64.3	64.9	65.3	65.3	65.8	65.8	65.8	65.8	65.8	65.9	65.9	66.0
≥ 18000	56.0	64.0	64.9	65.5	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.6
≥ 16000	56.0	64.0	64.9	65.5	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.6
≥ 14000	56.5	65.0	66.0	66.6	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.7
≥ 12000	59.0	68.1	69.2	69.8	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.9
≥ 10000	64.1	74.1	75.1	75.7	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.8
≥ 9000	64.3	75.0	76.1	76.7	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.7
≥ 8000	65.2	76.3	77.5	78.1	78.4	78.6	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.3
≥ 7000	66.4	77.7	78.9	79.5	79.9	80.0	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.8
≥ 6000	67.2	78.8	80.1	80.7	81.0	81.2	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.0
≥ 5000	69.9	81.8	83.2	83.8	84.2	84.4	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.2
≥ 4500	71.0	82.9	84.5	85.2	85.7	85.8	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.6
≥ 4000	73.2	86.3	87.9	88.9	89.3	89.5	90.0	90.0	90.0	90.0	90.0	90.2	90.2	90.3
≥ 3500	73.6	86.6	88.4	89.3	89.8	89.9	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.8
≥ 3000	74.3	87.3	89.2	90.2	90.6	90.8	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.6
≥ 2500	74.6	87.8	89.7	90.6	91.1	91.2	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.1
≥ 2000	75.7	89.1	91.0	91.9	92.5	92.7	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.7
≥ 1800	76.1	89.5	91.4	92.3	92.9	93.1	93.8	94.0	94.1	94.1	94.1	94.2	94.2	94.3
≥ 1500	76.4	90.6	92.7	93.7	94.3	94.5	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.9
≥ 1200	76.7	91.2	93.2	94.3	94.9	95.1	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.4
≥ 1000	76.8	91.7	93.7	94.9	95.5	95.7	96.6	96.7	96.8	96.8	96.8	96.9	96.9	97.0
≥ 900	76.9	91.9	94.2	95.5	96.1	96.3	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.6
≥ 800	76.9	92.1	94.3	95.7	96.4	96.7	97.5	97.6	97.7	97.7	97.7	97.9	97.9	98.0
≥ 700	77.1	92.4	94.7	96.1	96.8	97.2	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.6
≥ 600	77.1	92.4	94.8	96.2	97.0	97.4	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.8
≥ 500	77.1	92.4	95.0	96.4	97.3	97.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2
≥ 400	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.4
≥ 300	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.6
≥ 200	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.6
≥ 100	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.6
≥ 0	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS:

844

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS FEB MONTH 1200-1400 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	55.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	64.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	64.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	64.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	65.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	66.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	70.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	71.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	73.3	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	73.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	74.8	82.1	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	77.8	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	78.2	85.9	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	80.7	85.9	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	81.3	90.0	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	82.7	91.8	92.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	83.6	93.2	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	85.3	95.1	95.6	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	85.8	95.6	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	86.0	96.0	96.4	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	86.5	96.4	96.9	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	86.6	96.7	97.3	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	86.6	96.7	97.3	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	86.7	96.9	97.5	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	86.7	96.9	97.5	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	86.8	97.3	98.0	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	86.8	97.3	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	86.8	97.3	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	86.8	97.3	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	86.8	97.3	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	86.8	97.3	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	86.8	97.3	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

47-76
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB
MONTH

1500-1700
HOURS LT

CEILING VERSUS VISIBILITY

VISIBILITY (STATUTE MILES)

CEILING FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	54.8	58.8	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	64.6	69.3	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	64.9	69.7	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	64.9	69.7	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	65.3	70.3	70.3	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	67.9	73.5	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	70.6	76.4	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	71.4	77.4	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	74.3	80.8	81.4	81.5	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	75.7	82.7	83.3	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	75.9	82.9	83.9	84.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	78.5	86.3	87.5	87.8	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	79.0	86.8	87.9	88.3	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	80.9	89.3	90.7	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	81.7	90.3	91.9	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	82.8	92.1	93.1	95.0	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	83.5	92.8	94.4	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	84.6	93.9	95.5	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	84.6	93.9	95.5	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	84.8	94.5	96.2	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	85.3	95.6	97.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	85.3	95.7	97.4	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	85.4	95.9	97.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	85.4	95.9	97.7	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

533

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MNC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH 47-78 YEARS FEB 1968

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	55.6	60.7	60.9	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	61.9	68.3	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	61.9	69.3	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	61.9	68.2	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	62.1	68.4	68.5	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	64.1	70.8	71.2	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	66.1	73.3	73.9	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	66.9	74.5	75.1	75.5	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	70.3	78.6	79.2	79.7	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	71.4	80.4	81.0	81.5	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	72.7	82.1	82.7	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	75.1	85.2	85.8	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	75.9	86.2	86.8	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	77.4	88.9	89.6	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	78.8	90.7	91.4	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	79.6	92.5	93.4	94.6	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	80.3	93.2	94.2	95.3	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	80.9	94.0	95.0	96.2	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	81.1	94.3	95.3	96.5	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	81.5	94.7	95.9	97.3	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	81.6	95.1	96.3	97.6	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	81.9	95.6	96.8	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	81.9	95.6	96.8	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	82.0	95.7	96.9	98.4	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	82.0	95.7	96.9	98.4	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	82.0	95.7	97.0	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

838

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 STATION PATRICK AFB FL/COCOA BEACH 7-76 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 2100-2300 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	61.0	65.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	66.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	66.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	66.1	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	66.1	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	67.5	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	70.3	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	71.1	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	73.6	80.7	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	75.0	82.6	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	76.9	83.7	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	77.8	86.0	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	78.9	87.0	87.4	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	80.3	89.2	89.7	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	81.3	91.1	91.6	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	82.0	92.4	93.2	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	82.4	93.0	93.8	94.6	95.0	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3
≥ 2000	83.1	93.9	94.6	95.4	95.8	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3
≥ 1800	83.2	94.0	94.7	95.6	95.9	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1500	83.2	94.0	94.8	95.8	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	83.2	94.1	95.0	95.9	96.4	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9
≥ 1000	83.8	95.1	96.0	97.1	97.7	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2
≥ 900	83.8	95.1	96.3	97.4	98.0	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6
≥ 800	83.8	95.2	96.4	97.5	98.1	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8
≥ 700	83.8	95.3	96.5	97.6	98.3	98.3	98.8	99.0	99.2	99.2	99.2	99.2	99.2
≥ 600	84.2	95.7	96.9	98.0	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 500	84.2	95.7	96.9	98.2	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 400	84.2	95.8	97.0	98.2	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 300	84.2	95.8	97.0	98.2	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 200	84.2	95.8	97.0	98.2	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 100	84.2	95.8	97.0	98.2	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 0	84.2	95.8	97.0	98.2	98.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6

833

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

67-74

MAK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	68.2	71.1	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.1
≥ 20000	72.5	75.6	75.8	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7
≥ 18000	72.7	75.8	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 16000	72.7	75.8	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 14000	72.7	75.8	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 12000	74.1	77.7	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8
≥ 10000	76.4	80.3	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4
≥ 9000	76.7	80.8	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
≥ 8000	78.3	83.1	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5
≥ 7000	80.0	85.2	85.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 6000	81.9	87.4	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 5000	83.0	90.8	91.4	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 4500	83.2	91.5	92.0	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.3
≥ 4000	83.8	93.0	93.5	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7
≥ 3500	86.4	93.9	94.5	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7
≥ 3000	87.6	95.3	95.8	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 2500	87.7	96.0	96.5	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7
≥ 2000	88.1	96.5	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 1800	88.1	96.5	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 1500	88.4	96.8	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 1200	88.5	97.3	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 1000	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 900	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 800	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 700	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 600	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 500	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 400	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 300	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 200	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 100	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 6	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS

741

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/CUCCA
STATION NAME

7-75
YEAR

MAR
MONTH

0400-0500
TIME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 3/8	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	62.0	68.3	69.3	70.0	70.1	70.3	70.3	70.5	70.7	70.7	70.7	70.9	70.9	71.5
≥ 20000	64.6	71.6	72.8	73.5	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.5	74.5	75.0
≥ 18000	64.6	71.6	72.8	73.5	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.5	74.5	75.0
≥ 16000	64.6	71.6	72.8	73.5	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.5	74.5	75.0
≥ 14000	65.0	72.0	73.2	73.9	74.1	74.3	74.3	74.5	74.6	74.6	74.6	74.9	74.9	75.4
≥ 12000	66.4	73.4	74.7	75.5	75.7	75.8	75.8	76.1	76.2	76.2	76.2	76.5	76.5	77.0
≥ 10000	68.4	75.8	77.6	78.4	78.5	78.6	78.6	78.9	79.1	79.1	79.1	79.3	79.3	79.9
≥ 9000	68.8	76.8	78.5	79.3	79.5	79.6	79.6	79.9	80.0	80.0	80.0	80.3	80.3	80.8
≥ 8000	70.4	78.6	80.4	81.4	81.5	81.6	81.6	81.9	82.2	82.2	82.2	82.4	82.4	83.0
≥ 7000	71.9	80.3	82.0	83.0	83.1	83.2	83.2	83.5	83.8	83.8	83.8	84.1	84.1	84.6
≥ 6000	72.3	81.2	83.0	83.9	84.1	84.2	84.2	84.5	84.7	84.7	84.7	85.0	85.0	85.5
≥ 5000	75.5	85.3	87.2	88.1	88.4	88.5	88.5	88.8	89.1	89.1	89.1	89.3	89.3	89.9
≥ 4500	75.7	85.5	87.6	88.5	88.8	88.9	88.9	89.2	89.3	89.5	89.5	89.7	89.7	90.3
≥ 4000	75.9	85.1	88.1	89.1	89.3	89.5	89.5	89.7	89.9	90.0	90.0	90.3	90.3	90.8
≥ 3500	76.8	87.0	89.1	90.0	90.3	90.4	90.4	90.7	90.8	90.9	90.9	91.2	91.2	91.8
≥ 3000	77.6	88.1	90.1	91.2	91.5	91.6	91.6	91.9	92.0	92.2	92.2	92.4	92.4	93.0
≥ 2500	78.5	89.1	91.1	92.2	92.4	92.6	92.6	92.8	93.0	93.1	93.1	93.4	93.4	93.9
≥ 2000	80.0	90.5	92.6	93.8	94.1	94.2	94.2	94.5	94.6	94.7	94.7	95.0	95.0	95.5
≥ 1800	80.5	91.2	93.4	94.6	94.9	95.0	95.0	95.3	95.4	95.5	95.5	95.8	95.8	96.4
≥ 1500	80.5	91.5	93.6	94.9	95.2	95.4	95.4	95.7	95.8	95.9	95.9	96.2	96.2	96.8
≥ 1200	81.2	92.2	94.5	95.7	96.2	96.4	96.4	96.6	96.9	97.0	97.0	97.2	97.2	97.8
≥ 1000	81.5	92.4	94.9	96.1	96.8	96.9	96.9	97.2	97.4	97.6	97.6	97.7	97.7	98.5
≥ 900	81.5	92.6	95.0	96.2	96.9	97.0	97.0	97.3	97.4	97.7	97.7	97.8	97.8	98.6
≥ 800	81.6	92.8	95.3	96.5	97.2	97.3	97.3	97.6	97.8	98.0	98.1	98.1	98.1	98.9
≥ 700	81.6	92.8	95.3	96.5	97.2	97.3	97.3	97.6	97.8	98.0	98.1	98.1	98.1	98.9
≥ 600	81.8	93.0	95.4	96.6	97.3	97.4	97.4	97.7	97.9	98.1	98.2	98.2	98.2	99.1
≥ 500	81.8	93.2	95.7	96.9	97.6	97.7	97.7	98.0	98.2	98.4	98.5	98.5	98.5	99.3
≥ 400	81.8	93.2	95.7	96.9	97.6	97.7	97.7	98.0	98.2	98.4	98.5	98.5	98.5	99.3
≥ 300	81.8	93.2	95.7	96.9	97.6	97.7	97.7	98.0	98.2	98.4	98.5	98.5	98.5	99.3
≥ 200	81.8	93.2	95.7	96.9	97.6	97.7	97.7	98.0	98.2	98.4	98.5	98.5	98.5	99.3
≥ 100	81.8	93.2	95.7	96.9	97.6	97.7	97.7	98.0	98.2	98.4	98.5	98.5	98.5	99.3
≥ 0	81.8	93.2	95.7	96.9	97.6	97.7	97.7	98.0	98.2	98.4	98.5	98.5	98.5	99.3

TOTAL NUMBER OF OBSERVATIONS

740

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

HAIR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING ≥ 20000	50.1	59.4	60.4	61.9	62.8	62.8	62.9	63.1	63.1	63.1	63.4	63.4	63.6
≥ 18000	55.2	66.0	67.3	68.8	69.7	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.6
≥ 16000	55.2	66.0	67.3	68.8	69.7	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.6
≥ 14000	56.0	65.9	68.3	69.8	70.7	70.8	70.9	71.2	71.2	71.2	71.4	71.4	71.6
≥ 12000	56.8	67.7	69.4	71.1	72.0	72.2	72.3	72.6	72.6	72.6	72.8	72.8	73.1
≥ 10000	58.3	69.8	71.5	73.2	74.1	74.4	74.5	74.9	74.9	74.9	75.1	75.1	75.3
≥ 9000	59.0	70.9	72.6	74.3	75.2	75.5	75.6	76.0	76.0	76.0	76.2	76.2	76.4
≥ 8000	60.7	73.3	75.1	77.2	78.1	78.5	78.7	79.0	79.0	79.0	79.2	79.2	79.4
≥ 7000	61.7	74.4	76.3	78.4	79.3	79.8	79.9	80.2	80.2	80.2	80.4	80.4	80.7
≥ 6000	62.2	75.0	77.5	79.7	80.6	81.0	81.1	81.5	81.5	81.5	81.7	81.7	81.9
≥ 5000	65.0	79.1	81.0	83.1	84.0	84.5	84.6	84.9	84.9	84.9	85.1	85.1	85.5
≥ 4500	65.4	79.7	81.6	83.7	84.6	85.0	85.1	85.5	85.5	85.5	85.7	85.7	86.0
≥ 4000	66.0	80.3	82.9	85.0	85.9	86.4	86.5	86.8	86.8	86.8	87.0	87.0	87.4
≥ 3500	67.0	82.3	84.4	86.6	87.5	87.9	88.0	88.4	88.4	88.4	88.6	88.6	88.9
≥ 3000	68.0	83.9	85.9	88.2	89.2	89.6	89.8	90.2	90.2	90.2	90.4	90.4	90.7
≥ 2500	68.4	84.8	86.9	89.3	90.4	90.8	91.1	91.4	91.4	91.4	91.6	91.6	92.0
≥ 2000	69.4	86.4	88.5	90.8	92.1	92.6	92.8	93.2	93.2	93.2	93.5	93.5	93.9
≥ 1800	69.8	86.9	89.1	91.4	92.6	93.2	93.4	93.7	93.7	93.7	94.1	94.1	94.4
≥ 1500	70.1	87.2	89.3	91.6	92.8	93.4	93.6	94.0	94.0	94.0	94.3	94.3	94.6
≥ 1200	70.1	87.2	89.4	91.7	93.2	93.7	94.1	94.4	94.4	94.4	94.7	94.7	95.2
≥ 1000	70.3	87.4	89.6	92.2	93.6	94.2	94.5	94.9	94.9	94.9	95.4	95.4	95.9
≥ 900	70.4	87.5	89.7	92.3	93.9	94.4	94.9	95.2	95.3	95.4	95.9	95.9	96.3
≥ 800	70.6	87.8	90.1	92.6	94.2	94.7	95.2	95.5	95.8	95.9	96.3	96.5	96.8
≥ 700	70.7	87.9	90.4	93.0	94.5	95.1	95.5	95.9	96.1	96.2	96.6	96.9	97.1
≥ 600	70.8	88.3	90.7	93.3	94.9	95.4	96.0	96.4	96.6	96.9	97.3	97.5	97.8
≥ 500	70.8	88.4	90.8	93.5	95.2	95.8	96.3	96.8	97.0	97.2	97.7	97.9	98.1
≥ 400	70.9	88.5	90.9	93.6	95.4	96.0	96.5	97.0	97.2	97.4	97.9	98.1	98.5
≥ 300	70.9	88.6	91.1	93.7	95.5	96.1	96.8	97.2	97.4	97.8	98.3	98.5	99.0
≥ 200	70.9	88.6	91.1	93.7	95.5	96.1	96.9	97.3	97.5	97.9	98.4	98.9	99.6
≥ 100	70.9	88.6	91.1	93.7	95.5	96.1	97.0	97.4	97.7	98.0	98.5	99.2	99.9
≥ 0	70.9	88.6	91.1	93.7	95.5	96.1	97.0	97.4	97.7	98.0	98.5	99.3	99.9

TOTAL NUMBER OF OBSERVATIONS

895

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/CORONA BEACH 7-76 YEARS 1944

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	58.1	64.0	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.8
≥ 20000	67.8	74.3	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.5
≥ 18000	67.8	74.3	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.5
≥ 16000	67.8	74.3	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.5
≥ 14000	68.4	75.0	75.4	75.5	75.7	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.3
≥ 12000	69.5	76.7	77.0	77.2	77.4	77.4	77.5	77.6	77.7	77.7	77.9	77.9	77.9	78.1
≥ 10000	71.4	79.6	79.7	79.9	80.1	80.1	80.2	80.3	80.5	80.5	80.6	80.6	80.6	80.8
≥ 9000	72.4	80.6	80.9	81.1	81.4	81.5	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.2
≥ 8000	74.5	83.4	83.7	83.9	84.3	84.4	84.5	84.6	84.7	84.7	84.8	84.8	84.8	85.0
≥ 7000	75.2	84.1	84.5	84.7	85.0	85.1	85.2	85.3	85.5	85.5	85.6	85.6	85.6	85.8
≥ 6000	75.9	85.0	85.3	85.6	85.9	86.0	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.6
≥ 5000	78.2	87.4	87.7	87.9	88.3	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.8	89.0
≥ 4500	79.6	88.9	89.3	89.5	89.8	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.6
≥ 4000	80.2	89.3	90.1	90.3	90.7	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.4
≥ 3500	81.4	91.2	91.6	91.9	92.2	92.3	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.9
≥ 3000	82.6	92.6	93.2	93.4	93.7	93.8	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.5
≥ 2500	83.5	93.8	94.4	94.6	95.1	95.2	95.3	95.4	95.5	95.5	95.7	95.7	95.7	95.9
≥ 2000	83.9	94.5	95.0	95.2	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.6
≥ 1800	83.9	94.5	95.0	95.2	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.6
≥ 1500	84.1	94.8	95.3	95.5	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.7	96.7	97.0
≥ 1200	84.1	95.0	95.7	95.9	96.4	96.5	96.6	96.7	96.9	97.0	97.1	97.1	97.1	97.3
≥ 1000	84.1	95.4	96.1	96.4	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.6	97.6	97.8
≥ 900	84.7	96.1	96.7	97.1	97.7	97.8	97.9	98.0	98.2	98.3	98.4	98.4	98.4	98.6
≥ 800	84.7	96.2	96.9	97.2	97.9	98.2	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.9
≥ 700	84.7	96.2	96.9	97.2	97.9	98.2	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.9
≥ 600	84.9	96.4	97.1	97.4	98.2	98.4	98.5	98.6	98.7	98.8	98.9	98.9	98.9	99.1
≥ 500	84.9	96.5	97.2	97.5	98.4	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.3
≥ 400	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.6
≥ 300	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.7
≥ 200	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.7
≥ 100	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.7
≥ 0	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.7

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

Q7-76
YEAR

MARK
MONTH

1200-1400
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	65.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
≥ 20000	72.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
≥ 18000	72.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
≥ 16000	72.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
≥ 14000	73.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
≥ 12000	74.9	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
≥ 10000	78.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
≥ 9000	79.5	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
≥ 8000	80.5	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	
≥ 7000	80.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
≥ 6000	81.5	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
≥ 5000	83.0	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
≥ 4500	83.7	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
≥ 4000	85.0	92.3	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
≥ 3500	85.7	93.2	93.6	93.7	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
≥ 3000	87.3	95.5	95.9	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
≥ 2500	87.9	96.3	96.9	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
≥ 2000	88.3	97.0	97.5	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
≥ 1800	88.4	97.2	97.7	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
≥ 1500	88.4	97.3	97.9	98.2	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1200	88.4	97.3	97.9	98.2	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1000	88.4	97.6	98.3	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 900	88.4	97.6	98.3	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 800	88.4	97.6	98.4	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 700	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 600	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 500	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 400	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 300	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 200	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 100	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
0	88.4	97.9	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS

926

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

07-76
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING ≥ 20000	64.0 75.9	66.2 76.8	66.3 76.9	66.3 77.0	66.4 77.1	66.4 77.1	66.4 77.1	66.4 77.1	66.4 77.1	66.4 77.1	66.4 77.1	66.4 77.1	66.4 77.1
≥ 18000	74.1	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	74.1	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	74.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	76.7	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	80.3	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	80.8	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	82.5	87.5	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	83.4	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	84.3	89.5	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	85.8	91.4	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	86.1	91.9	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	86.8	93.3	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	87.0	95.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	88.0	95.2	96.0	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	88.5	96.1	96.9	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	88.5	96.2	97.0	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	88.5	96.2	97.0	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	88.5	96.2	97.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	88.5	96.4	97.4	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	88.5	96.9	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	88.5	96.9	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	88.6	97.0	97.9	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	88.6	97.1	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	88.7	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION NAME PATRICK AFB FL/COCOA BEACH YEARS 67-76 MAR MONTH 1800-2000 HOURS LT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING ≥ 2000	63.0 71.6	66.3 77.9	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1	66.6 78.1
≥ 18000	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9
≥ 16000	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9	71.6 77.9
≥ 14000	72.2 73.4	73.5 80.1	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3	73.8 80.3
≥ 12000	73.4 76.5	80.1 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0	80.3 84.0
≥ 10000	76.5 77.2	83.8 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0	84.0 85.0
≥ 9000	77.2 78.3	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4	85.0 86.4
≥ 8000	78.3 79.1	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4	86.4 87.4
≥ 7000	79.1 80.1	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6	87.4 88.6
≥ 6000	80.1 81.9	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2	88.6 91.2
≥ 5000	81.9 82.7	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4	91.2 93.4
≥ 4500	82.7 83.4	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6
≥ 4000	83.4 83.8	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2
≥ 3500	83.8 83.9	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3	95.2 95.3
≥ 3000	83.9 84.0	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9
≥ 2500	84.0 84.1	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2	95.9 96.2
≥ 2000	84.1 84.2	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6	96.2 96.6
≥ 1800	84.2 84.4	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3
≥ 1600	84.4 84.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5	97.3 97.5
≥ 1400	84.5 84.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6	97.5 97.6
≥ 1200	84.6 84.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7	97.6 97.7
≥ 1000	84.7 84.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8	97.7 97.8
≥ 900	84.8 84.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9	97.8 97.9
≥ 800	84.9 85.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0	97.9 98.0
≥ 700	85.0 85.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1
≥ 600	85.1 85.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2
≥ 500	85.2 85.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3
≥ 400	85.3 85.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4
≥ 300	85.4 85.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5	98.4 98.5
≥ 200	85.5 85.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6	98.5 98.6
≥ 100	85.6 85.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7
≥ 0	85.7 85.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8	98.7 98.8

TOTAL NUMBER OF OBSERVATIONS

918

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	65.1	59.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
≥ 2000	70.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	
≥ 1800	70.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	
≥ 1600	70.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	
≥ 1400	71.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	
≥ 1200	72.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	
≥ 1000	73.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	
≥ 900	74.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	
≥ 800	75.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	
≥ 700	76.8	84.0	84.2	84.3	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	
≥ 600	79.0	86.4	86.7	86.9	87.0	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	
≥ 500	82.0	90.1	90.5	90.8	90.9	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	
≥ 450	82.7	91.1	91.5	91.9	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	
≥ 400	84.4	93.5	93.8	94.3	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	
≥ 350	84.8	94.1	94.4	94.8	95.1	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	
≥ 300	85.2	95.1	95.4	95.9	96.2	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	
≥ 250	85.3	95.2	95.5	96.0	96.3	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	
≥ 200	85.8	95.7	96.2	96.6	97.0	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	
≥ 1800	85.9	96.0	96.4	97.0	97.4	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	
≥ 1500	85.9	96.0	96.4	97.1	97.5	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1	
≥ 1200	86.1	96.4	96.9	97.5	98.1	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	
≥ 1000	86.1	96.4	96.9	97.5	98.1	98.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	
≥ 900	86.1	96.4	96.9	97.5	98.1	98.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	
≥ 800	86.1	96.6	97.1	97.8	98.3	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	
≥ 700	86.1	96.7	97.2	98.0	98.5	98.5	98.9	99.2	99.3	99.4	99.4	99.4	99.4	
≥ 600	86.1	96.7	97.3	98.1	98.7	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.7	
≥ 500	86.1	96.7	97.3	98.1	98.7	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.7	
≥ 400	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	
≥ 300	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	
≥ 200	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	
≥ 100	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	
≥ 0	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS

892

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/CROCOA BEACH 07-74 YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	68.8	75.7	76.9	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2000	72.2	79.8	81.1	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	72.3	79.9	81.3	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1600	72.3	79.9	81.3	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1400	72.3	79.9	81.3	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200	72.6	80.2	81.5	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	73.7	83.5	84.8	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	76.0	83.9	85.3	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 800	77.8	85.9	87.2	87.8	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 700	78.6	86.8	88.1	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	80.1	88.2	89.6	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 500	82.4	91.4	92.7	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	83.2	92.3	93.6	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	83.6	92.9	94.2	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	84.1	93.5	94.8	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	84.5	93.9	95.2	96.3	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	85.1	94.5	95.8	96.9	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	85.9	95.7	96.6	97.6	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	86.0	95.5	96.9	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	86.0	95.5	96.9	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	86.0	95.5	96.9	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	86.3	95.8	97.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	86.3	96.1	97.5	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	86.3	96.1	97.5	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	86.3	96.1	97.5	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 672

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

07-70

APR
MONTH

0300-0500
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	61.7	70.6	72.5	73.7	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	65.2	74.4	76.4	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	65.2	74.4	76.4	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	65.2	74.4	76.4	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	65.7	74.9	76.6	78.0	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	66.0	75.3	77.3	78.5	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	69.2	78.6	80.5	81.7	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000	69.2	78.6	80.5	81.7	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	70.3	80.2	82.2	83.4	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	70.9	81.1	83.1	84.2	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	71.9	82.9	84.8	86.0	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	73.7	84.7	86.6	87.8	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	74.3	85.3	87.2	88.4	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	74.9	86.3	88.3	89.5	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	76.4	88.0	89.9	91.1	91.3	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	76.7	88.3	90.2	91.4	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	77.3	88.9	90.6	92.0	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	78.3	90.3	92.6	93.5	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	78.5	90.6	92.6	93.8	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	79.0	91.5	93.5	94.7	95.5	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	79.5	92.0	93.9	95.1	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	79.5	92.1	94.2	95.4	96.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	79.5	92.3	94.4	95.5	96.4	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	79.5	92.3	94.5	95.8	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	79.5	92.3	94.5	95.8	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	79.5	92.3	94.5	95.8	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	79.5	92.3	94.7	96.0	97.0	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

673

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FLD/CORCOA BEACH STATION NAME C-7-76 YEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	46.8	58.9	60.8	62.7	64.4	65.1	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
≥ 20000	51.0	64.9	66.8	68.8	70.5	71.4	72.1	72.2	72.2	72.4	72.4	72.5	72.5	72.6
≥ 18000	51.0	64.9	66.8	68.8	70.5	71.4	72.1	72.2	72.2	72.4	72.4	72.5	72.5	72.6
≥ 16000	51.0	64.9	66.8	68.8	70.5	71.4	72.1	72.2	72.2	72.4	72.4	72.5	72.5	72.6
≥ 14000	51.6	65.4	67.4	69.5	71.2	72.1	72.8	72.9	72.9	73.0	73.0	73.2	73.3	73.3
≥ 12000	53.2	67.4	69.5	71.8	73.7	74.7	75.3	75.5	75.5	75.6	75.6	75.7	75.8	75.8
≥ 10000	55.5	70.2	72.2	74.5	76.5	77.4	78.1	78.2	78.2	78.3	78.3	78.6	78.7	78.7
≥ 9000	56.0	70.7	72.9	75.2	77.2	78.1	78.8	78.9	78.9	79.0	79.0	79.3	79.4	79.4
≥ 8000	57.0	72.1	74.3	76.7	78.8	79.7	80.5	80.6	80.6	80.8	80.8	81.0	81.1	81.1
≥ 7000	57.4	72.5	74.7	77.1	79.1	80.1	80.9	81.0	81.0	81.1	81.1	81.3	81.3	81.5
≥ 6000	57.8	73.2	75.3	77.8	79.8	80.8	81.6	81.7	81.7	81.8	81.8	82.0	82.1	82.1
≥ 5000	60.7	76.7	79.1	81.7	83.8	84.7	85.5	85.6	85.6	85.8	85.8	86.1	86.2	86.2
≥ 4500	61.2	77.2	79.6	82.1	84.2	85.1	85.9	86.1	86.1	86.3	86.3	86.5	86.6	86.6
≥ 4000	62.0	78.1	80.5	83.2	85.3	86.2	87.0	87.1	87.1	87.3	87.3	87.6	87.7	87.7
≥ 3500	62.6	79.4	81.8	84.7	86.8	87.7	88.0	88.7	88.7	88.9	88.9	89.3	89.4	89.4
≥ 3000	62.9	79.8	82.4	85.3	87.4	88.4	89.3	89.4	89.4	89.6	89.6	90.0	90.1	90.1
≥ 2500	63.6	80.8	83.3	86.2	88.4	89.3	90.2	90.3	90.3	90.6	90.6	90.9	91.0	91.0
≥ 2000	64.2	81.9	84.6	87.4	89.6	90.6	91.6	91.7	91.7	91.9	91.9	92.3	92.4	92.4
≥ 1800	64.9	82.7	85.5	88.4	90.6	91.6	92.6	92.7	92.7	93.0	93.0	93.3	93.4	93.4
≥ 1500	64.9	82.7	85.5	88.4	90.6	91.6	92.6	92.7	92.7	93.0	93.0	93.3	93.4	93.4
≥ 1200	65.2	83.6	86.5	89.4	91.6	92.6	93.7	93.8	93.8	94.0	94.0	94.4	94.5	94.5
≥ 1000	65.3	84.0	86.9	89.7	91.9	93.0	94.0	94.1	94.1	94.4	94.4	94.7	94.8	94.8
≥ 900	65.3	84.0	86.9	89.7	92.1	93.1	94.2	94.4	94.4	94.6	94.6	94.9	95.0	95.0
≥ 800	65.4	84.1	87.1	90.0	92.4	93.4	94.6	94.7	94.7	94.9	94.9	95.3	95.4	95.4
≥ 700	65.4	84.1	87.1	90.1	92.7	93.8	94.9	95.2	95.2	95.4	95.4	95.7	95.9	95.9
≥ 600	65.4	84.2	87.2	90.2	93.2	94.4	95.5	95.9	95.9	96.1	96.1	96.4	96.5	96.5
≥ 500	65.4	84.2	87.2	90.2	93.4	94.7	96.0	96.3	96.3	96.8	96.8	97.1	97.2	97.2
≥ 400	65.4	84.2	87.4	90.7	94.1	95.6	96.9	97.2	97.2	98.0	98.0	98.4	98.5	98.6
≥ 300	65.4	84.2	87.4	90.7	94.2	95.7	97.0	97.4	97.4	98.3	98.3	98.6	98.7	98.8
≥ 200	65.4	84.2	87.4	90.7	94.2	95.7	97.1	97.6	97.6	98.5	98.5	99.2	99.3	99.5
≥ 100	65.4	84.2	87.4	90.7	94.2	95.7	97.1	97.6	97.6	98.5	98.5	99.4	99.5	100.0
≥ 0	65.4	84.2	87.4	90.7	94.2	95.7	97.1	97.6	97.6	98.5	98.5	99.4	99.5	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS APR MONTH 0900-1100 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	58.1	56.5	67.4	68.2	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 20000	63.3	72.6	73.5	74.2	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 18000	63.4	72.7	73.6	74.4	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 16000	63.4	72.7	73.6	74.4	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 14000	63.6	72.9	73.7	74.7	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 12000	64.9	74.8	76.1	76.9	77.4	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 10000	67.7	78.3	79.6	80.4	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 9000	68.6	79.3	80.6	81.4	82.1	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 8000	69.2	80.2	81.5	82.4	83.1	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 7000	69.5	80.6	82.0	82.9	83.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 6000	70.2	81.6	83.0	83.9	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 5000	71.8	84.3	85.9	86.8	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 4500	72.2	84.8	86.3	87.2	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 4000	73.3	86.3	87.9	88.8	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 3500	73.8	87.1	88.7	89.6	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 3000	75.0	88.9	90.5	91.4	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 2500	75.7	89.6	91.3	92.2	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 2000	76.8	91.4	93.1	94.0	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 1800	76.9	91.7	93.4	94.3	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 1500	77.4	92.9	94.6	95.5	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1200	78.1	94.3	96.2	97.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1000	78.1	94.4	96.5	97.4	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 900	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/COCOA BEACH

67-74

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	67.0	73.4	73.7	74.3	74.3	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	73.2	80.2	80.5	81.1	81.1	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	73.2	80.3	80.6	81.2	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	73.2	80.3	80.6	81.2	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	73.3	80.4	80.8	81.3	81.3	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	74.8	82.4	82.8	83.3	83.3	83.6	84.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	79.0	87.2	87.6	88.1	88.1	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	79.3	87.6	87.9	88.5	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	81.0	89.8	90.4	90.9	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	81.1	89.9	90.5	91.1	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	81.5	90.5	91.1	91.6	91.7	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	82.6	91.8	92.5	93.1	93.3	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	82.9	92.3	93.0	93.5	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	83.9	93.4	94.1	94.6	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	84.1	94.0	94.6	95.2	95.4	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	84.9	95.4	96.1	97.0	97.2	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	85.1	96.1	96.8	97.7	97.9	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	85.7	96.9	97.5	98.4	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	85.8	97.1	97.8	98.7	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	85.8	97.2	97.9	98.8	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

874

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 07-76 YEARS APR MONTH 1200-1700 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	67.8	73.1	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	75.4	81.9	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 18000	75.4	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 16000	75.4	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	75.8	82.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	76.8	83.7	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	80.4	87.7	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	80.9	85.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	81.9	89.9	90.8	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 7000	82.1	90.8	91.7	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 6000	82.1	91.2	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 5000	83.5	93.3	94.3	94.5	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1
≥ 4500	83.7	93.5	94.5	94.7	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 4000	84.7	94.5	95.5	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 3500	85.0	95.0	96.0	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8
≥ 3000	86.1	96.8	97.8	98.0	98.3	98.4	98.4	98.5	98.7	98.7	98.7	98.7
≥ 2500	86.5	97.3	98.4	98.7	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3
≥ 2000	86.5	97.5	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7
≥ 1800	86.5	97.5	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7
≥ 1500	86.5	97.7	98.8	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 1200	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 1000	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 900	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 800	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 700	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 600	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 500	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 0	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/CDCOA BEACH

67-76

YEARS

APR
MONTH

1800-2000
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	66.5	75.6	76.2	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	73.0	82.5	83.3	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 18000	73.2	83.0	83.7	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	73.2	83.0	83.7	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	74.4	84.2	85.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	75.7	85.5	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	79.1	89.1	89.9	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	79.1	89.1	89.9	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	80.6	91.0	91.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	80.9	91.4	92.2	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	81.6	92.2	93.2	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	83.2	94.5	95.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	83.3	94.7	96.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	83.7	95.2	96.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	84.1	95.7	97.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	84.3	96.6	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	84.3	96.5	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	84.3	96.6	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	84.3	96.6	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	84.3	96.6	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

CEILING VERSUS VISIBILITY

STATE

MON
22

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS EST

CEILING FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	70.1	77.4	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	76.2	63.7	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	76.3	63.8	64.3	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	76.3	63.8	64.3	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	76.8	64.4	64.9	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	77.7	65.4	65.8	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	80.7	68.5	68.9	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	81.2	68.9	69.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	82.6	90.7	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	83.2	91.3	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	84.0	92.3	92.7	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 5000	86.3	95.8	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	86.3	96.1	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	86.8	96.5	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	87.0	96.9	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	87.4	97.6	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	87.4	97.6	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	87.4	97.6	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	87.4	97.6	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	87.5	97.7	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	87.5	97.7	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	87.6	97.9	98.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	87.6	97.9	98.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	87.6	97.9	98.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	87.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION

PATRICK AFB FL/COCOA BEACH

7-73

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700
HOURS TS

CEILING FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 0
NO CEILING	65.7	73.0	73.1	73.6	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	72.4	80.3	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	72.4	80.3	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	72.4	80.3	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	72.3	80.4	80.6	81.2	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	74.2	82.1	82.3	82.9	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	78.3	86.2	86.3	87.0	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	78.3	86.2	86.3	87.0	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	79.7	87.6	87.7	88.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	80.6	88.7	88.8	89.4	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	82.0	90.2	90.7	91.3	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	83.5	92.2	92.7	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	84.2	92.9	93.3	93.9	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	85.2	94.1	94.6	95.2	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	86.0	95.0	95.5	96.1	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	87.0	96.3	96.7	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	87.3	96.7	97.2	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	87.7	97.2	97.7	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	87.9	97.4	97.8	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	88.0	97.5	98.0	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	88.2	97.7	98.1	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.4	97.8	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.4	97.8	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

644

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MAY
MONTH

12807 STATION PATRICK AFB FL/CUCOA BEACH 47-74 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0300-0500 HOUR

CEILING FEET	VISIBILITY (STATUTE MILES)									
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾
NO CEILING	64.3	71.2	72.0	72.8	73.2	73.2	74.0	74.0	74.0	74.0
≥ 20000	70.8	78.2	78.9	79.7	80.2	80.2	80.9	80.9	80.9	80.9
≥ 18000	70.8	78.2	78.9	79.7	80.2	80.2	80.9	80.9	80.9	80.9
≥ 16000	70.8	78.2	78.9	79.7	80.2	80.2	80.9	80.9	80.9	80.9
≥ 14000	70.9	78.3	79.1	79.8	80.3	80.3	81.1	81.1	81.1	81.1
≥ 12000	72.3	79.7	80.5	81.2	81.7	81.7	82.5	82.5	82.5	82.5
≥ 10000	76.3	83.8	84.6	85.4	85.8	85.8	86.6	86.6	86.6	86.6
≥ 9000	76.5	84.2	84.9	85.7	86.2	86.2	86.9	86.9	86.9	86.9
≥ 8000	77.1	84.9	85.7	86.5	86.9	86.9	87.7	87.7	87.7	87.7
≥ 7000	77.4	85.2	86.0	86.8	87.2	87.2	88.0	88.0	88.0	88.0
≥ 6000	79.2	87.2	88.0	88.8	89.2	89.2	90.0	90.0	90.0	90.0
≥ 5000	81.7	91.2	92.0	92.8	93.2	93.2	94.0	94.0	94.0	94.0
≥ 4500	82.3	92.0	92.8	93.5	94.0	94.0	94.8	94.8	94.8	94.8
≥ 4000	83.1	92.9	93.7	94.5	94.9	94.9	95.7	95.7	95.7	95.7
≥ 3500	84.5	94.3	95.1	95.8	96.3	96.3	97.1	97.1	97.1	97.1
≥ 3000	85.1	95.1	95.8	96.6	97.1	97.1	97.8	97.8	97.8	97.8
≥ 2500	85.2	95.2	96.0	96.8	97.2	97.2	98.0	98.0	98.0	98.0
≥ 2000	85.5	95.5	96.3	97.1	97.5	97.5	98.3	98.3	98.3	98.3
≥ 1800	86.0	96.0	96.8	97.5	98.0	98.0	98.8	98.8	98.8	98.8
≥ 1500	86.5	96.5	97.2	98.0	98.5	98.5	99.2	99.2	99.2	99.2
≥ 1200	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 1000	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 900	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 800	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 700	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 600	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 500	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 400	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 300	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 200	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 100	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 0	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

650

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH

7-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	47.6	58.8	61.0	63.2	66.2	66.8	67.1	67.5	67.8	67.9	67.9	68.0	68.0	68.0
≥ 2000	53.6	66.2	68.5	70.9	74.3	74.8	75.1	75.6	75.8	75.9	75.9	76.0	76.0	76.0
≥ 1800	54.0	66.6	68.8	71.2	74.6	75.1	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3
≥ 1600	54.0	66.6	68.8	71.2	74.6	75.1	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3
≥ 1400	54.2	66.9	69.2	71.7	75.0	75.6	75.9	76.3	76.5	76.7	76.7	76.8	76.8	76.8
≥ 1200	56.4	69.5	71.8	74.5	77.9	78.4	78.8	79.3	79.5	79.6	79.6	79.7	79.7	79.7
≥ 1000	60.8	76.1	78.8	81.9	85.2	85.8	86.2	86.6	86.9	87.0	87.0	87.1	87.1	87.1
≥ 900	60.9	76.4	79.2	82.4	85.8	86.3	86.8	87.2	87.4	87.5	87.5	87.6	87.6	87.6
≥ 800	62.1	78.1	80.6	84.0	87.4	87.9	88.4	88.8	89.0	89.1	89.1	89.3	89.3	89.3
≥ 700	62.4	78.4	81.1	84.4	87.7	88.3	88.7	89.1	89.4	89.5	89.5	89.6	89.6	89.6
≥ 600	63.0	79.3	82.0	85.2	88.6	89.1	89.6	90.0	90.2	90.3	90.3	90.4	90.4	90.4
≥ 500	63.8	81.1	84.0	87.3	90.7	91.2	91.6	92.1	92.3	92.4	92.4	92.5	92.5	92.5
≥ 450	64.0	81.2	84.1	87.4	90.8	91.3	91.7	92.2	92.4	92.5	92.5	92.6	92.6	92.6
≥ 400	64.6	82.0	84.9	88.2	91.5	92.1	92.5	92.9	93.2	93.3	93.3	93.4	93.4	93.4
≥ 350	64.8	82.3	85.3	88.7	92.1	92.6	93.1	93.5	93.7	93.8	93.8	93.9	93.9	93.9
≥ 300	65.3	82.5	85.9	89.4	92.7	93.3	93.7	94.1	94.4	94.5	94.6	94.7	94.7	94.7
≥ 250	65.6	83.4	86.4	90.0	93.4	93.9	94.4	94.8	95.0	95.1	95.2	95.3	95.3	95.3
≥ 200	66.0	83.9	87.0	90.6	93.9	94.6	95.0	95.4	95.7	95.8	95.9	96.0	96.0	96.0
≥ 1800	66.2	84.1	87.2	90.8	94.1	94.8	95.2	95.7	95.9	96.0	96.1	96.2	96.2	96.2
≥ 1500	66.3	84.4	87.5	91.1	94.5	95.1	95.5	96.0	96.2	96.3	96.4	96.5	96.5	96.5
≥ 1200	66.7	84.8	87.9	91.5	94.9	95.5	96.0	96.4	96.6	96.7	96.9	97.0	97.0	97.0
≥ 1000	66.8	85.0	88.2	91.7	95.1	95.8	96.2	96.6	96.9	97.0	97.1	97.2	97.2	97.2
≥ 900	67.1	85.6	88.7	92.3	95.7	96.3	96.7	97.2	97.4	97.5	97.6	97.7	97.7	97.7
≥ 800	67.2	86.1	89.4	92.9	96.3	97.0	97.4	97.8	98.0	98.2	98.3	98.4	98.4	98.4
≥ 700	67.4	86.4	89.7	93.3	96.6	97.3	97.7	98.2	98.4	98.5	98.6	98.7	98.7	98.7
≥ 600	67.6	86.8	90.0	93.6	97.0	97.6	98.0	98.5	98.7	98.8	98.9	99.0	99.0	99.0
≥ 500	67.6	86.8	90.0	93.6	97.0	97.7	98.3	98.7	98.9	99.0	99.1	99.2	99.2	99.2
≥ 400	67.8	86.9	90.2	93.8	97.2	97.9	98.5	98.9	99.1	99.2	99.3	99.5	99.5	99.5
≥ 300	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7
≥ 200	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7
≥ 100	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7
≥ 0	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7

921

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/CDOCA BEACH
STATION NAME

67-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	57.9	65.1	65.6	66.7	68.0	68.3	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2000	65.4	73.8	74.8	76.1	77.6	77.8	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	65.4	73.8	74.8	76.3	77.8	78.0	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1600	65.5	73.9	74.9	76.4	77.9	78.1	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1400	66.1	74.5	75.5	77.0	78.5	78.8	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	68.8	77.6	78.5	80.1	81.6	81.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	73.3	83.4	84.4	86.0	87.5	87.8	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	73.7	84.1	85.0	86.7	88.2	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	75.5	86.1	87.3	88.9	90.5	90.7	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	75.7	86.6	87.8	89.4	90.9	91.1	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	76.3	87.1	88.3	89.9	91.4	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	77.0	88.2	89.4	91.0	92.5	92.7	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	77.1	88.3	89.5	91.1	92.7	93.0	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	77.6	89.1	90.4	92.0	93.6	93.8	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	77.9	89.6	90.9	92.5	94.1	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	78.4	90.5	91.8	93.4	95.0	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	79.4	91.4	92.7	94.4	96.1	96.3	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1
≥ 2000	80.4	92.5	93.8	95.4	97.2	97.4	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1800	80.6	92.7	94.0	95.7	97.4	97.6	97.9	98.2	98.4	98.5	98.5	98.5	98.5	98.5
≥ 1500	80.8	93.1	94.4	96.0	97.8	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 1200	81.1	93.4	94.7	96.4	98.3	98.5	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3
≥ 1000	81.3	93.7	95.0	96.7	98.6	98.8	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	81.3	93.8	95.1	96.9	98.7	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

923

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH

67-76

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM: HOURLY OBSERVATIONS)

1200-1400
HOURS, '51

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	57.8	64.4	64.9	65.1	66.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	66.8	74.8	75.8	76.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	66.8	74.8	75.8	76.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	67.1	75.1	76.1	76.3	77.7	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	67.6	76.0	77.0	77.2	78.0	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	69.7	78.4	79.4	79.7	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	73.3	83.3	84.3	84.6	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	74.4	84.4	85.3	85.7	87.1	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	76.2	87.2	88.3	88.6	90.0	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	76.7	87.8	88.9	89.3	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	77.0	88.2	89.3	89.6	91.0	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	78.0	89.3	90.3	90.7	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	78.2	89.6	90.7	91.0	92.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	78.8	90.6	91.7	92.1	93.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	79.3	91.2	92.4	92.7	94.1	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	80.8	93.1	94.2	94.6	96.2	96.4	96.9	97.2	97.3	97.3	97.3	97.3	97.3
≥ 2500	81.8	94.2	95.7	96.0	97.6	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7
≥ 2000	82.1	94.8	96.2	96.5	98.2	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3
≥ 1800	82.1	94.8	96.3	96.6	98.3	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5
≥ 1500	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1200	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1000	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 47-76 DAYS MONTH DAY 1509-1700 HOURS TEST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.7	59.0	59.4	59.8	59.8	59.8	59.8	60.0	60.0	60.2	60.2	60.2	60.2	60.2
≥ 18000	65.6	74.3	75.1	75.6	75.7	75.7	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1
≥ 16000	65.7	74.4	75.2	75.7	75.8	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2
≥ 14000	66.0	74.7	75.6	76.1	76.2	76.2	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8
≥ 12000	66.1	75.0	75.9	76.4	76.5	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1
≥ 10000	67.0	76.2	77.1	77.6	77.7	77.7	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 9000	72.6	83.5	84.4	84.9	85.0	85.0	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6
≥ 8000	73.5	84.7	85.6	86.1	86.2	86.2	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8
≥ 7000	75.6	88.1	88.9	89.6	89.7	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2
≥ 6000	76.0	88.6	89.5	90.1	90.2	90.2	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 5000	77.1	88.7	89.6	90.2	90.3	90.3	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9
≥ 4500	77.7	90.6	91.5	92.3	92.4	92.4	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9
≥ 4000	78.3	91.2	92.3	93.1	93.2	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7
≥ 3500	78.8	92.6	93.8	94.6	94.8	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 3000	79.0	93.2	94.4	95.1	95.2	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 2500	79.7	94.4	95.8	96.7	97.2	97.3	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 2000	79.7	94.5	95.9	97.0	97.4	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2
≥ 1800	79.9	94.7	96.2	97.4	97.8	98.0	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1500	79.9	94.7	96.4	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 1200	79.9	94.7	96.4	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 1000	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 900	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 800	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 700	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 600	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 500	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 400	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 300	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 200	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 100	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 0	80.0	94.8	96.5	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0

921

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVISIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH 67-74 YEARS MAY MONTH 1800-2000 HOURS TST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 0
NO CEILING	47.4	55.5	56.5	56.8	57.0	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	61.7	71.9	72.9	73.3	73.6	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	61.9	72.1	73.1	73.6	73.8	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	62.0	72.2	73.2	73.7	73.9	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	62.2	72.6	73.6	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	64.2	74.9	76.0	76.6	76.6	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	70.9	82.4	83.5	84.2	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	71.5	83.4	84.5	85.1	85.4	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	73.4	86.1	87.3	88.1	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	74.0	86.8	88.0	88.7	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	74.6	87.7	88.9	89.6	89.8	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	75.6	89.0	90.2	90.9	91.1	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	76.1	89.6	90.8	91.6	91.9	92.0	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	76.4	91.3	92.5	93.2	93.7	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	76.8	92.0	93.3	94.1	94.5	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	77.9	93.9	95.2	96.1	96.5	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	78.5	94.4	95.8	96.7	97.2	97.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	78.9	95.0	96.6	97.5	97.9	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	78.9	95.0	96.7	97.6	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	79.1	95.4	97.3	98.3	98.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	79.3	95.6	97.5	98.5	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/CORONA BEACH 67-76 YEARS NOV 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	59.7	66.3	66.9	67.1	67.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	68.8	77.7	78.2	78.5	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	68.9	77.8	78.4	78.6	78.8	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	68.9	77.8	78.4	78.6	78.8	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	69.1	78.0	78.6	78.9	79.0	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	70.0	79.1	79.7	80.0	80.1	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	75.0	85.0	85.6	85.8	86.0	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	75.4	85.5	86.1	86.3	86.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	76.1	87.2	87.8	88.0	88.1	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	77.2	88.4	89.0	89.2	89.3	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	78.3	89.7	90.3	90.5	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	80.0	91.8	92.4	92.7	92.8	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	80.4	93.0	93.6	93.9	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	80.9	94.5	95.1	95.3	95.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	81.6	95.2	95.8	96.0	96.3	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	83.1	96.9	97.5	97.7	98.0	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	83.2	97.0	97.6	97.8	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	83.3	97.1	97.7	98.0	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	83.3	97.1	97.7	98.0	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	83.6	97.4	98.0	98.2	98.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	83.7	97.6	98.2	98.4	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	83.8	97.7	98.3	98.6	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

633

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12887

PATRICK AFB FL/CORONA BEACH

27-73

YR

1118

-0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	66.8	70.4	70.6	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	76.0	80.5	80.6	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	76.0	80.5	80.6	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	76.0	80.5	80.6	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 14000	76.0	80.7	81.0	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	77.5	82.6	82.9	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	82.1	87.4	87.7	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	82.1	87.4	87.7	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	83.4	89.1	89.5	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	85.0	90.7	91.1	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	85.6	91.4	91.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	86.3	92.3	92.7	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	86.3	92.3	92.7	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	86.6	93.1	93.5	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	86.7	93.3	93.6	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	87.2	93.8	94.2	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	87.2	93.8	94.2	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	88.0	95.2	95.7	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	88.2	95.4	95.8	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	88.5	96.0	96.5	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	88.5	96.0	96.5	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	88.5	96.0	96.6	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	88.5	96.0	96.6	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	88.5	96.0	96.6	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	88.5	96.0	96.6	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	88.5	96.0	96.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	88.5	96.0	96.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	88.5	96.0	96.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	88.5	96.0	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	88.5	96.0	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	88.5	96.0	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	88.5	96.0	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

626

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH 7-73, 75-78 YEARS MONTH JUN 0300-0500 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	66.6	73.6	74.7	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	75.3	83.9	85.0	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	78.5	87.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	78.7	87.4	88.5	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	79.8	85.5	89.8	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	79.9	89.0	90.3	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	80.3	89.3	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	81.5	90.9	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	81.7	91.1	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	81.8	91.6	92.8	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.8	91.6	92.8	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	82.2	92.2	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	82.6	92.7	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	83.0	93.6	94.9	95.4	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	83.0	93.8	95.1	95.5	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	83.2	94.3	95.7	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	83.6	94.9	96.3	96.8	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	83.6	94.9	96.3	96.8	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	83.6	95.1	96.5	97.0	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	83.6	95.2	96.7	97.1	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	83.6	95.2	96.7	97.1	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	83.8	95.5	97.0	97.5	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

628

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/4000A BEACH 57-76 YEARS MONTH

0600-0800
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	52.5	63.0	63.5	64.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	58.5	72.4	73.3	74.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	58.5	72.4	73.3	74.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	58.5	72.4	73.3	74.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	59.0	72.9	73.8	74.8	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	61.6	76.7	77.6	78.7	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	67.3	84.0	85.3	86.4	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	67.5	84.5	85.7	86.9	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	69.7	87.1	88.3	89.4	90.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	69.8	87.2	88.5	89.8	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	70.0	87.5	88.9	90.2	91.8	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	70.7	88.2	89.6	91.0	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	70.8	88.3	89.7	91.1	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	71.5	89.1	90.6	91.9	93.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	71.8	89.4	90.8	92.2	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	71.9	89.7	91.0	92.5	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	72.0	90.1	91.5	92.9	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	72.2	91.1	92.6	94.0	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	72.2	91.2	92.7	94.2	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	72.2	91.3	92.8	94.3	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	72.4	91.6	93.0	94.5	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	72.4	91.6	93.1	94.6	96.3	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	72.4	91.7	93.3	94.7	96.4	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	72.5	91.8	93.4	94.9	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	72.9	92.5	94.0	95.7	97.1	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	72.9	92.7	94.3	96.0	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	73.0	92.8	94.4	96.1	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

890

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76

YEAR

JUN
MONTH

0900-1100
HOURS TST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING ≥ 20000	57.5 68.9	52.1 75.6	63.1 76.7	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4	63.6 77.4
≥ 18000	68.9	75.6	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	69.0	75.7	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	69.9	75.6	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	73.0	79.9	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	77.5	85.7	87.1	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	77.7	85.9	87.4	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	79.9	88.1	89.7	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	80.0	88.4	89.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	80.3	88.8	90.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	80.4	89.0	90.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	80.4	89.0	90.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	81.1	89.7	91.7	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	81.5	90.5	92.5	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	82.3	91.3	93.4	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	83.4	92.4	94.5	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	84.3	93.5	96.0	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	84.3	93.5	96.0	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	84.8	94.1	96.5	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	84.9	94.3	96.6	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	85.0	94.5	97.1	98.4	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	85.1	94.6	97.2	98.5	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	85.1	94.6	97.3	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 STATION
PATRICK AFB FL/COCOA BEACH
2-75 YEARS
JULY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET.	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	54.4	58.9	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	69.4	76.0	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	69.5	76.2	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	69.6	76.3	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	69.9	76.7	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	72.1	79.9	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	76.0	85.4	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	76.2	85.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	77.4	87.4	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	77.5	87.5	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	77.8	88.1	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	78.0	88.4	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	78.0	88.4	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	79.1	90.6	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	79.5	91.0	92.8	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	80.9	92.5	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	81.9	93.7	95.7	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.5
≥ 2000	82.3	94.4	96.4	97.5	98.0	98.1	98.2	98.4	98.4	98.4	98.4
≥ 1800	82.3	94.4	96.4	97.5	98.1	98.2	98.3	98.5	98.5	98.5	98.5
≥ 1500	82.3	94.5	96.6	97.8	98.4	98.5	98.7	98.9	98.9	98.9	98.9
≥ 1200	82.7	94.9	97.1	98.2	98.8	99.0	99.1	99.3	99.3	99.3	99.3
≥ 1000	82.7	94.9	97.1	98.3	99.0	99.1	99.2	99.6	99.6	99.6	99.6
≥ 900	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 800	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 700	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 600	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 500	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 400	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 300	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 200	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
≥ 100	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7
0	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

889

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/CDCDA BEACH
STATION NAME

07-70
YEARS

JUN
MONTH

1500-1700
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	39.8	44.2	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2000	58.2	56.1	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1800	58.4	66.4	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 1600	59.0	66.9	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1400	59.9	67.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1200	64.1	72.9	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1000	68.0	79.8	81.2	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 900	68.7	80.7	82.1	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 800	70.3	83.1	84.4	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 700	70.5	84.0	85.4	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	71.0	85.1	86.5	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	72.0	86.3	87.8	88.6	88.8	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1
≥ 450	72.1	86.9	88.5	89.2	89.5	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8
≥ 400	72.6	88.9	90.5	92.5	92.9	92.9	93.0	93.2	93.2	93.4	93.4	93.4	93.4
≥ 350	72.8	89.3	91.4	92.9	93.4	93.4	93.5	93.6	93.6	93.8	93.8	93.8	93.8
≥ 300	73.2	90.6	92.8	94.5	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4
≥ 250	73.7	91.4	93.6	95.3	95.9	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 200	74.1	92.5	94.7	96.4	97.0	97.0	97.3	97.5	97.5	98.0	98.0	98.0	98.0
≥ 1800	74.1	92.5	94.7	96.4	97.0	97.0	97.3	97.5	97.5	98.1	98.1	98.1	98.1
≥ 1500	74.2	92.8	95.1	96.7	97.3	97.3	97.6	97.9	98.0	98.5	98.5	98.5	98.5
≥ 1200	74.3	93.0	95.3	97.1	97.6	97.6	98.1	98.3	98.4	99.1	99.1	99.1	99.1
≥ 1000	74.3	93.0	95.4	97.2	97.9	97.9	98.4	98.7	98.8	99.4	99.4	99.4	99.4
≥ 900	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 800	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 700	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 600	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 500	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 400	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 300	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 200	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
≥ 100	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4
0	74.3	93.0	95.4	97.2	97.9	97.9	98.1	98.4	98.8	99.4	99.4	99.4	99.4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION NAME PATRICK AFB FL/COCOA BEACH 67-74 YEARS MONTH 1184
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1800-2000 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	34.0	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 20000	55.6	61.3	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	55.9	61.5	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	56.0	61.6	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	57.3	63.4	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	61.0	68.7	69.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	67.6	78.9	80.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	68.6	80.4	81.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	71.1	83.7	84.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	71.7	84.9	86.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	72.2	85.5	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	73.0	86.8	88.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	73.3	87.4	88.9	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	73.8	89.0	90.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	74.2	89.6	91.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	74.9	90.8	92.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	75.2	91.3	93.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	75.9	92.9	94.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	75.9	92.9	94.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	75.9	92.9	94.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	75.9	93.4	95.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	75.9	93.5	95.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

67-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

JUN

2100-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING	51.6	55.5	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	67.0	73.3	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	67.1	73.4	73.8	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	67.2	73.5	73.9	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	67.6	73.9	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	71.1	77.9	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	77.0	86.0	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	77.5	86.5	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	78.4	88.0	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	80.1	90.1	90.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	81.7	91.9	92.8	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	82.6	92.9	93.8	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	82.9	93.5	94.4	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	83.2	94.0	94.9	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	83.4	94.4	95.3	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	83.9	95.7	96.5	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	83.9	95.7	96.5	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	84.2	96.3	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	84.3	96.4	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	84.3	96.5	97.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	84.5	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

805

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH

07-73

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	76.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 20000	86.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	86.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	86.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 14000	88.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 12000	90.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 10000	94.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	94.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	94.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	94.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	95.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	95.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	95.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-75

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	80.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 20000	86.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 18000	86.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 16000	86.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 14000	88.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 12000	90.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 10000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 8000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	95.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	95.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	95.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

649

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 STATION 12857 PATRICK AFB FL/COCOA BEACH STATION NAME 67-76 YEARS JUL MONTH 0500-0800 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.7	73.9	75.1	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 20000	74.9	83.7	85.2	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	74.9	83.7	85.2	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 16000	75.2	84.2	85.7	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	75.9	84.8	86.3	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	78.7	87.9	89.4	90.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	85.1	95.4	96.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	85.2	95.6	97.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	85.3	95.8	97.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	85.9	96.2	97.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	86.1	96.5	98.1	99.1	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 2000	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1800	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1500	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1200	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	86.1	96.5	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807
STATION

PATRICK AFB FL/CORONA BEACH

67-76

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	67.5	71.9	71.9	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	79.8	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	80.0	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000	80.3	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	81.5	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	84.2	89.8	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	89.9	96.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 9000	90.5	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	91.0	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	91.0	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	91.1	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	91.1	97.7	97.9	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500	91.2	97.8	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	91.2	97.9	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	91.2	97.9	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	91.6	98.5	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	91.8	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	91.8	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

924

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/CNOOA BEACH
STATION NAME

67-74

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8
NO CEILING	59.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	77.3	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	77.5	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	77.8	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	78.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	81.1	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	85.5	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	85.8	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	86.9	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 7000	86.9	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 6000	87.4	94.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	87.9	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	88.0	94.9	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	88.1	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	88.1	95.5	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	89.3	97.1	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	89.8	97.7	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	90.1	98.2	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	90.2	98.3	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	90.2	98.5	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

925

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH

67-75

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS-UT-5

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼
NO CEILING	47.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	69.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	69.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	69.8	74.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	71.0	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	72.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	80.2	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	80.2	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	81.6	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	81.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	81.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	82.9	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	82.9	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	83.2	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	83.2	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	84.1	95.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	84.3	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	84.5	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	84.5	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	84.6	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	84.6	97.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	84.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH

7-79

YEAR

JUL

MONTH

1800-2000
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	39.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	62.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	63.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	63.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	65.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	67.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	78.1	87.5	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	79.1	88.6	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	80.4	90.3	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	81.0	91.1	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	81.6	91.6	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	81.9	92.5	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	81.9	92.8	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	82.3	93.4	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	82.8	94.3	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	83.5	95.6	96.4	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	83.5	95.9	97.0	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	84.1	96.5	97.8	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	84.1	96.5	97.9	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	84.1	96.5	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

07-76
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	59.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	74.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	74.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	74.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	75.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	78.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	85.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	86.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 8000	87.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	87.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	87.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	88.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	88.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	89.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	89.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	89.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	89.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	90.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	90.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	90.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	90.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	90.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	90.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	90.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

835

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/CDCNA BEACH
STATION NAME

7-73
YEAR

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	74.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	81.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	81.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 16000	81.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	82.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 12000	83.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	90.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	90.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	91.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	91.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	92.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	92.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	92.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	92.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	92.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	92.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	92.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	92.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	92.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	92.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	93.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/CUCOA BEACH

67-7-76

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	80.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 20000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000	85.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 10000	90.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 9000	90.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	90.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	90.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	90.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	90.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	90.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	91.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	91.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	91.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	91.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	91.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	91.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	92.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	92.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH 07-76 YEARS AUG MONTH 0600-0800 TIME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.9	76.7	78.2	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	75.1	85.3	86.9	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	75.1	85.5	87.2	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 16000	75.2	85.6	87.3	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000	75.4	85.8	87.5	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	78.2	89.1	90.8	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000	81.5	93.1	94.8	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	82.5	94.1	95.8	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 8000	83.3	95.1	96.8	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	83.4	95.2	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	83.4	95.2	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	83.4	95.3	97.0	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	83.5	95.4	97.1	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	83.7	95.6	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	83.8	95.8	97.6	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	84.3	96.4	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	84.3	96.4	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	84.3	96.4	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	84.3	96.4	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	84.4	96.6	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	84.4	96.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	84.4	96.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	84.4	96.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	84.4	96.8	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	84.4	96.8	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

07-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS TST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	70.6	74.8	75.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 20000	79.7	84.7	85.1	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	80.0	85.2	85.7	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000	80.3	85.5	85.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	81.0	86.2	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	84.8	90.3	90.8	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 10000	89.4	95.3	95.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	89.7	95.7	96.2	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 8000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	90.9	97.1	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	90.9	97.1	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	90.9	97.1	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	91.3	97.5	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	91.3	97.5	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	91.4	97.7	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/CUCOA BEACH 67-76 1200-1400 1200-1400
 AIRCRAFT MOBILE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET.	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	65.2	67.9	68.4	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000	78.6	82.5	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	78.6	82.5	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1600	78.6	82.5	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1400	79.5	83.4	84.0	84.5	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	83.3	87.5	88.2	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	87.6	93.5	94.2	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	87.7	93.6	94.3	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	88.2	94.3	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	88.2	94.3	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	88.2	94.3	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	88.3	94.7	95.4	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 450	88.3	94.7	95.4	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	88.5	95.0	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 350	88.6	95.1	95.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	89.3	96.1	97.0	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 250	89.8	96.6	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	90.3	97.4	98.4	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	90.5	97.5	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

920

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET.	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	≥ 0	
NO CEILING	53.9	56.7	56.7	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
≥ 20000	69.5	74.8	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
≥ 18000	69.5	74.8	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
≥ 16000	69.9	75.2	75.3	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
≥ 14000	70.4	75.8	75.9	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
≥ 12000	73.6	79.8	79.9	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
≥ 10000	79.1	86.9	87.1	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
≥ 9000	79.8	87.6	87.7	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
≥ 8000	81.4	89.8	90.0	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
≥ 7000	81.4	89.8	90.2	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
≥ 6000	81.7	90.4	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
≥ 5000	82.0	91.3	91.8	92.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
≥ 4500	82.1	91.4	91.9	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
≥ 4000	82.5	92.0	92.6	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
≥ 3500	82.6	92.5	93.0	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
≥ 3000	84.0	94.1	94.8	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
≥ 2500	84.3	95.5	96.5	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
≥ 2000	85.0	96.3	97.3	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 1800	85.0	96.3	97.3	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 1500	85.0	96.5	97.5	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 1200	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 1000	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 900	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 800	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 700	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 600	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 500	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 400	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 300	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 200	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 100	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 0	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	

TOTAL NUMBER OF OBSERVATIONS

904

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/COCOA BEACH 07-76 YEARS MONTH AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/8
NO CEILING	50.3	52.8	53.0	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 2000	68.6	74.3	74.5	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	68.7	74.4	74.6	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1600	68.9	74.5	74.8	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1400	69.5	75.6	75.8	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1200	72.7	78.9	79.1	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1000	81.7	89.8	90.1	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	82.2	90.7	90.9	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	83.4	92.2	92.7	93.1	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	83.5	92.5	93.0	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	83.6	92.7	93.1	93.6	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	83.9	93.2	93.6	94.2	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 450	83.9	93.3	93.9	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	84.4	94.1	94.6	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 350	84.6	94.6	95.4	95.8	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	85.4	95.6	96.4	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 250	85.9	96.3	97.2	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	86.0	97.0	98.0	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 180	86.0	97.2	98.3	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 150	86.1	97.3	98.4	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 120	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 90	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 80	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 70	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 60	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 40	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/CUCCA BEACH

67-18

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	66.3	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000	76.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	78.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	78.6	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000	79.4	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 12000	81.6	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	86.6	95.8	96.0	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	88.8	96.0	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	89.6	97.1	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	89.7	97.2	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	90.1	97.7	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	90.2	97.8	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	90.3	97.9	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	90.3	98.2	98.4	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	90.9	98.8	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	91.1	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	91.2	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	91.2	99.3	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	91.2	99.3	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	91.2	99.3	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

827

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/CDCDA BEACH 67-73 YEARS SEP MONTH 0000-0200 HOURS TS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET		VISIBILITY (STATUTE MILES)													
		≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥¼	≥0
NO CEILING	≥ 20000	73.4	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	≥ 18000	78.7	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
	≥ 16000	78.7	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
	≥ 14000	79.2	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	≥ 12000	79.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	≥ 10000	81.3	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	≥ 9000	87.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	≥ 8000	87.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	≥ 7000	88.9	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
	≥ 6000	89.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	≥ 5000	89.5	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	≥ 4500	90.6	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	≥ 4000	91.3	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	≥ 3500	91.3	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	≥ 3000	92.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	≥ 2500	93.4	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	93.7	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 1800	93.7	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 1500	93.7	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
≥ 1200	93.7	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
≥ 1000	93.9	97.9	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 900	94.2	98.4	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 800	94.4	98.7	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 700	94.4	98.7	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 600	94.4	98.7	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 500	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 400	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 PATRICK AFB FL/CUCUJA BEACH 67-73-75-76 SEP 67-0500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	69.1	72.9	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	74.0	78.1	78.5	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	74.0	78.1	78.5	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	74.0	78.1	78.5	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	75.1	79.5	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	78.3	82.9	83.3	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	83.3	88.0	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	83.4	88.2	88.7	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	85.2	90.1	90.7	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	85.3	90.3	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	85.3	90.3	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	86.8	92.0	92.7	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	87.4	93.1	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	87.7	93.5	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	88.7	94.6	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	89.3	95.4	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	89.8	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	89.8	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	89.8	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	89.8	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	90.0	96.5	97.3	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	90.4	97.0	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	90.4	97.0	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

627

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

47-76
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
0600-0800
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	57.0	64.8	65.4	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
≥ 2000	67.1	77.2	77.9	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 1800	67.2	77.3	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9
≥ 1600	67.3	77.4	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.1
≥ 1400	68.1	78.2	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 1200	71.3	82.3	83.1	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0
≥ 1000	76.0	88.0	88.8	89.1	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
≥ 900	76.0	88.1	89.0	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1
≥ 800	78.3	90.5	91.4	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5
≥ 700	78.4	90.7	91.7	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
≥ 600	78.8	91.2	92.2	92.5	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 500	79.8	92.3	93.3	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
≥ 450	79.8	92.4	93.4	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 400	80.3	92.8	93.8	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1
≥ 350	80.4	93.1	94.1	94.4	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 300	81.1	94.0	95.0	95.3	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2
≥ 250	81.2	94.3	95.4	95.9	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 200	81.4	95.1	96.2	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9
≥ 1800	81.4	95.2	96.3	96.9	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 1500	81.5	95.4	96.5	97.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 1200	81.6	95.5	96.6	97.3	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7
≥ 1000	81.6	95.7	96.9	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0
≥ 900	81.9	96.1	97.2	98.0	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
≥ 800	82.0	96.2	97.3	98.1	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
≥ 700	82.0	96.2	97.4	98.2	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 600	82.1	96.3	97.5	98.3	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7
≥ 500	82.1	96.3	97.5	98.3	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7
≥ 400	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9
≥ 300	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9
≥ 200	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9
≥ 100	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0
0	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12887 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100 HOURS TSM

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	63.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 20000	73.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 18000	73.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 16000	73.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 14000	74.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 12000	77.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 10000	81.9	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7
≥ 9000	82.5	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 8000	83.8	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 7000	84.0	91.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 6000	84.5	92.2	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 5000	85.3	93.0	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 4500	85.4	93.1	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 4000	85.6	93.5	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 3500	86.1	93.9	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 3000	86.6	94.6	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 2500	87.4	95.7	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 2000	88.1	97.0	97.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1800	88.2	97.1	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1500	88.6	97.5	97.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1200	88.6	97.5	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1000	88.8	97.6	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 900	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 800	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 700	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 600	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 500	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 400	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 300	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 200	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 100	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
0	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS

589

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

SEP
1967

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	63.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	75.7	79.0	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	76.0	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	76.0	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	77.0	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	78.8	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	85.0	90.9	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	85.3	91.5	91.8	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	86.8	93.3	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	87.4	93.9	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	87.8	94.3	94.6	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	88.2	94.7	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	88.6	95.2	95.5	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	88.9	95.5	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	89.1	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	89.3	96.6	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	90.4	97.3	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	90.8	98.1	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	90.8	98.1	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	90.9	98.2	98.7	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	90.9	98.2	98.7	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	91.0	98.3	98.8	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

892

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

7-76

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP
MONTH

1500-1700
HOURS TST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ .4
NO CEILING ≥ 20000	51.7	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	68.8	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	69.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	69.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	69.8	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	71.6	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	78.9	86.7	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	79.7	87.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	81.7	90.7	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	82.0	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	82.8	91.3	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	83.5	92.7	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	84.1	93.5	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	84.7	94.2	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	85.4	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	85.7	95.7	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	85.9	96.4	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	85.9	96.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	86.1	97.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	86.1	97.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	86.1	97.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12867 STATION 12867 PATRICK AFB FL/COCOA BEACH 67-75 YEARS MONTH 5 SEP 1800-2000 HOURS (UT)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥0
NO CEILING	49.1	52.1	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	65.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	65.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	65.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	67.0	73.3	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	70.0	77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	76.5	86.6	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	76.9	87.4	88.0	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	78.2	89.4	90.1	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	78.7	89.9	90.6	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	78.9	90.2	90.9	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	79.0	90.4	91.1	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	79.2	90.7	91.3	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	80.0	91.9	92.6	93.3	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	80.3	92.5	93.3	94.0	94.4	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	81.0	94.0	94.8	95.6	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	81.5	94.9	96.1	97.0	97.3	97.4	97.5	97.6	97.8	97.9	98.0	98.0	98.0	98.0
≥ 2000	82.0	95.8	97.0	97.9	98.3	98.4	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0
≥ 1800	82.0	96.0	97.1	98.0	98.4	98.5	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1
≥ 1500	82.4	96.4	97.5	98.4	98.9	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 1200	82.4	96.4	97.5	98.4	98.9	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 1000	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 900	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 800	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 700	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 600	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 500	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 0	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

890

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION 12807 PATRICK AFB FL/CUDA BEACH 07-76 YEARS 2100-2300 MONTH 13-1960

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	65.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	70.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	76.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000	76.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	77.7	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	79.7	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000	85.3	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	85.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	86.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	86.5	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	86.8	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	87.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	87.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	87.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	87.9	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	89.0	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	89.4	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	89.7	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	89.7	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	89.7	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	90.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

806

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867
STATION

PATRICK AFB FL/COCOA BEACH

7-74

YEARS

MO/MT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	62.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2000	68.0	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800	68.0	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1600	68.0	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1400	68.8	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1200	69.7	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1000	75.4	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 900	75.4	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 800	77.1	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	77.3	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	78.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 500	80.2	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 450	80.4	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400	81.8	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 350	82.2	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 300	83.8	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 250	84.2	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	84.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	84.7	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	84.7	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	84.7	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	84.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

647

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/CDCJA REACH

7-74,76

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	64.5	69.9	70.3	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 2000	68.2	74.0	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	68.2	74.0	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1600	68.2	74.0	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1400	68.6	74.5	75.0	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1200	70.2	76.2	76.7	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1000	74.3	80.4	80.8	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 900	75.1	81.1	81.8	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 800	77.1	83.5	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 700	77.1	83.5	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 600	77.3	84.4	85.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 500	79.1	86.7	87.6	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 450	79.4	87.3	88.3	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 400	81.6	89.6	90.6	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 350	82.3	90.7	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 300	83.5	94.0	95.2	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 250	83.8	94.3	95.7	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 200	83.9	95.2	96.6	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	84.1	95.4	96.8	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	84.2	95.7	97.2	97.4	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	84.2	95.8	97.4	97.7	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	84.4	96.0	97.5	97.8	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	84.4	96.0	97.5	97.8	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	84.4	96.0	97.7	98.0	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	84.4	95.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

647

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION NAME PATRICK AFB FL/CUCOA BEACH 67-70 YEARS 1967-1970 MONTH 1967-1970 HOURS 0600-1800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	50.9	59.1	60.1	61.3	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	57.0	66.7	67.8	69.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	57.0	66.7	67.8	69.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	57.0	66.7	67.8	69.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	57.2	67.0	68.1	69.5	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	59.6	70.1	71.4	72.7	73.2	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	64.8	76.6	77.9	79.2	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	65.2	77.3	78.6	79.9	80.3	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	67.5	80.9	82.4	83.7	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	67.6	81.0	82.5	83.8	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	68.4	81.9	83.4	84.7	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	69.7	83.5	85.2	86.5	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	70.4	84.4	86.0	87.4	88.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	72.4	86.6	88.4	89.7	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	73.4	87.9	89.9	91.2	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	74.3	89.9	91.9	93.3	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	75.3	91.3	93.3	94.8	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	75.5	91.6	93.7	95.3	96.5	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	75.6	91.9	94.0	95.5	96.7	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	75.7	92.0	94.1	95.6	96.8	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	75.7	92.1	94.2	95.7	97.0	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	75.7	92.1	94.2	95.7	97.0	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	75.7	92.2	94.3	95.8	97.1	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	75.7	92.3	94.4	95.9	97.3	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	76.0	93.0	95.1	96.6	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	76.3	93.2	95.3	96.8	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	76.3	93.3	95.4	96.9	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	76.3	93.4	95.5	97.0	98.5	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION NAME PATRICK AFB FL/CDCOA BEACH 97-76 YEARS MONTH JCT

0900-1100
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	53.6	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
≥ 20000	61.2	69.1	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
≥ 18000	61.3	69.2	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
≥ 16000	61.3	69.2	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
≥ 14000	61.8	69.8	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
≥ 12000	64.1	73.2	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
≥ 10000	68.4	78.6	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
≥ 9000	69.1	79.6	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
≥ 8000	72.2	84.6	85.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
≥ 7000	72.8	85.2	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
≥ 6000	73.0	85.7	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
≥ 5000	74.4	87.7	88.6	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
≥ 4500	75.0	88.3	89.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
≥ 4000	76.0	89.5	90.7	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
≥ 3500	77.1	90.7	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
≥ 3000	78.5	93.4	94.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
≥ 2500	79.0	94.5	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
≥ 2000	79.1	95.2	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 1800	79.1	95.2	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 1500	79.1	95.6	97.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
≥ 1200	79.1	95.8	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
≥ 1000	79.2	96.1	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 900	79.2	96.1	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 800	79.2	96.1	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 700	79.4	96.2	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 600	79.4	96.2	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 500	79.4	96.4	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 400	79.4	96.4	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 300	79.4	96.4	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 200	79.4	96.4	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 100	79.4	96.4	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 0	79.4	96.4	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS

925

Life

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

~~1200-1420~~

CEILING FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	54.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	63.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	64.0	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	64.0	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	64.5	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	67.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	72.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	73.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	76.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	77.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	78.2	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	79.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	79.5	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	80.1	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	80.8	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	81.8	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	82.0	95.4	96.0	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	83.0	96.9	97.4	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	83.1	97.0	97.5	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	83.2	97.5	98.0	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	83.2	97.6	98.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807

PATRICK AFB FL/COCOA BEACH

67-76

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING ≥ 2000	50.0	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 1800	59.7	60.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
≥ 1600	59.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
≥ 1400	59.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
≥ 1200	61.8	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8
≥ 1000	65.7	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 900	71.9	80.6	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
≥ 800	72.8	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 700	75.1	84.8	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
≥ 600	75.7	85.5	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5
≥ 500	76.6	86.9	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 400	78.5	88.9	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
≥ 300	79.7	89.2	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 200	79.5	90.5	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 100	79.3	91.3	92.0	92.4	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 0	80.9	93.9	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.9	95.9	95.9
≥ 2500	81.1	94.8	95.9	96.2	96.8	96.8	96.8	96.8	96.8	97.1	97.2	97.2
≥ 2000	81.9	96.2	97.3	97.9	98.7	98.7	98.7	98.7	98.7	99.1	99.2	99.2
≥ 1800	81.9	96.2	97.3	97.9	98.7	98.7	98.7	98.7	98.7	99.1	99.2	99.2
≥ 1600	81.9	96.3	97.5	98.1	98.7	98.7	98.7	98.7	98.7	99.3	99.5	99.5
≥ 1400	81.9	96.3	97.5	98.1	98.7	98.7	98.7	98.7	98.7	99.3	99.5	99.5
≥ 1200	81.9	96.5	97.7	98.5	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8
≥ 1000	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 900	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 800	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 700	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 600	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 500	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 400	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 300	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 200	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 100	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9
≥ 0	81.9	96.5	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

916

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12887 STATION PATRICK AFB EL PASO, TEXAS 79707

NO. 1

1800-2000 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	50.2	57.5	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2000	60.0	69.0	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1800	60.1	69.7	69.9	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1600	60.2	69.3	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1400	61.2	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1200	63.6	73.2	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1000	68.9	80.0	80.8	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	69.4	80.8	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 800	71.7	84.6	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 700	72.0	84.9	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	72.6	85.9	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 500	74.3	87.9	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 450	74.4	88.2	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 400	74.9	89.7	91.3	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 350	75.5	90.8	92.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 300	76.1	92.4	94.1	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 250	76.6	93.4	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	77.0	94.4	96.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	77.5	94.5	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	77.5	94.9	96.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	77.5	95.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	77.5	95.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	77.5	95.6	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	77.5	95.6	97.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	77.5	95.6	97.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	77.5	95.6	97.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS OCT MONTH 2100-2300 HOURS EST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	62.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5
≥ 20000	68.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 18000	68.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 16000	68.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 14000	68.6	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9
≥ 12000	70.5	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 10000	74.6	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3
≥ 9000	74.9	83.5	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1
≥ 8000	76.6	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2
≥ 7000	76.7	86.6	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3
≥ 6000	77.6	88.0	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8
≥ 5000	79.0	90.3	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 4500	79.3	90.7	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7
≥ 4000	80.4	92.4	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.4	93.9	94.4	94.4	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0
≥ 3000	81.7	96.2	96.8	96.8	97.1	97.1	97.1	97.1	97.3	97.5	97.5	97.5	97.5	97.5
≥ 2500	81.8	96.7	97.3	97.3	97.6	97.6	97.6	97.6	97.9	98.1	98.1	98.1	98.1	98.1
≥ 2000	82.2	97.4	98.0	98.1	98.9	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4
≥ 1800	82.2	97.6	98.2	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6
≥ 1500	82.2	97.6	98.2	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6
≥ 1200	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 1000	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 900	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 800	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 700	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 600	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 500	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 400	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 300	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 200	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 100	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
≥ 0	82.3	97.9	98.5	98.6	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

842

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION PATRICK AFB FL/CUCCA BEACH 07-73 YEARS MONTH NOV 0000-0200 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	66.3	71.2	71.5	71.5	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	69.7	74.7	75.0	75.0	75.0	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	73.7	79.0	79.3	79.3	79.3	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	74.0	79.3	79.6	79.6	79.6	79.6	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0
8000	76.0	81.7	82.1	82.2	82.4	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7
7000	77.7	84.3	84.6	84.8	84.9	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3
6000	78.7	85.7	86.1	86.2	86.4	86.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
5000	83.5	90.7	91.0	91.2	91.3	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7
4500	84.3	91.5	91.8	92.0	92.1	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
4000	86.9	94.7	95.0	95.4	95.5	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
3500	87.2	95.0	95.4	95.7	95.8	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
3000	87.7	95.5	95.8	96.2	96.3	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
2500	88.8	96.6	97.0	97.3	97.4	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
2000	88.8	96.6	97.0	97.3	97.6	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
1800	88.9	96.8	97.1	97.4	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
1500	88.9	96.8	97.1	97.4	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
1200	89.3	97.1	97.4	97.8	98.1	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
1000	89.3	97.3	97.6	97.9	98.2	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
900	89.4	97.5	97.8	98.1	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
800	89.7	97.9	98.2	98.6	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
700	89.9	98.1	98.4	98.7	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
600	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
500	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
400	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
300	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
200	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
100	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATION

CEILING VERSUS VISIBILITY

12807

PATRICK AFB FL/COCOA BEACH

7-73

STUDY

447

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

~~0300-0500~~
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥0
NO CEILING	62.7	63.1	68.4	69.2	69.4	69.5	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	64.6	70.5	70.6	71.6	71.6	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	64.6	70.5	70.8	71.6	71.6	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	64.6	70.5	70.8	71.6	71.6	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	64.6	70.6	71.1	71.9	72.1	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	66.5	72.4	72.7	73.5	73.7	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	69.1	75.9	76.2	77.0	77.2	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	69.7	76.6	76.9	77.7	77.8	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	71.6	79.1	79.4	80.2	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	73.5	81.3	81.7	82.5	82.6	82.8	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	76.1	84.1	84.4	85.2	85.3	85.5	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	79.9	88.0	88.4	89.2	89.3	89.5	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	80.5	88.7	89.0	89.8	90.0	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	84.4	92.8	93.3	94.1	94.3	94.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	85.0	93.5	93.9	94.7	94.9	95.1	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	85.0	94.1	94.6	95.4	95.5	95.7	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	86.0	95.2	95.7	96.5	96.7	96.8	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	86.3	95.7	96.2	97.0	97.1	97.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	86.3	95.7	96.2	97.0	97.1	97.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	86.3	95.7	96.2	97.0	97.1	97.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	86.6	96.2	96.8	97.6	97.8	97.9	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	86.8	96.5	97.1	97.9	98.1	98.2	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	86.9	96.7	97.3	98.1	98.2	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	86.9	96.9	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
0	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/CDCDA BEACH

07-76

NETV

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	53.5	62.5	63.2	63.8	64.3	64.7	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.7	
≥ 20000	56.1	66.0	66.9	67.5	68.2	68.5	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.8	
≥ 18000	56.1	66.0	66.9	67.5	68.2	68.5	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.8	
≥ 16000	56.3	66.2	67.0	67.7	68.3	68.7	68.9	69.3	69.3	69.4	69.4	69.4	69.4	69.9	
≥ 14000	56.5	66.7	67.7	68.3	68.9	69.3	69.5	69.9	69.9	70.1	70.1	70.1	70.3	70.6	
≥ 12000	58.5	69.0	70.1	70.7	71.3	71.7	71.9	72.3	72.3	72.4	72.4	72.4	72.7	72.9	
≥ 10000	61.3	72.5	73.9	74.6	75.6	75.9	76.3	76.7	76.7	76.8	76.8	76.8	77.1	77.3	
≥ 9000	62.3	73.8	75.2	75.8	76.8	77.2	77.5	77.9	77.9	78.1	78.1	78.1	78.3	78.6	
≥ 8000	63.7	75.6	77.2	77.8	78.8	79.2	79.6	79.9	79.9	80.1	80.1	80.1	80.3	80.6	
≥ 7000	64.9	77.4	79.2	79.8	80.8	81.2	81.6	82.0	82.0	82.1	82.1	82.1	82.3	82.6	
≥ 6000	67.4	80.6	82.2	83.1	84.1	84.5	84.8	85.2	85.2	85.3	85.3	85.3	85.6	85.8	
≥ 5000	70.4	84.2	86.3	87.0	88.0	88.3	88.7	89.1	89.1	89.2	89.2	89.2	89.5	89.7	
≥ 4500	71.2	85.0	87.1	87.7	88.7	89.1	89.5	89.8	89.8	90.0	90.0	90.0	90.2	90.5	
≥ 4000	73.2	87.2	89.3	90.1	91.1	91.6	92.0	92.4	92.4	92.5	92.5	92.5	92.7	93.0	
≥ 3500	73.4	87.7	89.8	90.6	91.7	92.2	92.6	93.0	93.0	93.1	93.1	93.1	93.4	93.6	
≥ 3000	73.9	89.2	91.7	92.6	93.7	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.5	95.7	
≥ 2500	74.2	89.5	92.0	92.9	94.0	94.5	95.0	95.4	95.4	95.5	95.5	95.5	95.7	96.0	
≥ 2000	74.3	90.0	92.5	93.4	94.5	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.5	96.7	
≥ 1800	74.3	90.0	92.5	93.4	94.5	95.0	95.7	96.1	96.2	96.4	96.4	96.4	96.6	96.9	
≥ 1500	74.6	90.5	93.0	93.9	95.0	95.5	96.2	96.6	96.7	96.9	96.9	96.9	97.1	97.4	
≥ 1200	74.8	90.7	93.2	94.2	95.3	95.8	96.7	97.1	97.2	97.4	97.4	97.4	97.6	97.9	
≥ 1000	74.8	90.9	93.4	94.4	95.5	96.1	96.9	97.2	97.4	97.5	97.5	97.5	97.7	98.0	
≥ 900	74.8	91.0	93.5	94.5	95.7	96.2	97.0	97.4	97.5	97.6	97.6	97.6	97.9	98.1	
≥ 800	74.9	91.2	93.7	94.9	96.1	96.6	97.4	97.7	97.9	98.0	98.0	98.0	98.2	98.5	
≥ 700	75.1	91.4	93.9	95.0	96.2	96.7	97.5	97.9	98.0	98.1	98.1	98.1	98.4	98.6	
≥ 600	75.1	91.4	93.9	95.0	96.4	96.9	97.7	98.1	98.2	98.4	98.4	98.4	98.6	98.9	
≥ 500	75.1	91.4	93.9	95.0	96.7	97.2	98.1	98.5	98.6	98.7	98.7	98.7	99.0	99.2	
≥ 400	75.1	91.4	94.0	95.2	97.1	97.6	98.5	98.9	99.0	99.1	99.1	99.1	99.4	99.6	
≥ 300	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.5	99.7	
≥ 200	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.5	99.7	
≥ 100	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.5	99.9	
≥ 0	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS

798

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 2-7-70 YEARS 60%
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) -0900-1100 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	53.2	53.4	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 2000	63.3	69.0	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 1800	63.3	69.7	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 1600	63.3	69.0	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 1400	64.2	70.3	71.0	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.4	71.4	71.4
≥ 1200	66.9	74.7	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 1000	69.3	75.1	78.8	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 900	70.4	79.4	80.2	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 800	73.2	82.1	84.0	84.1	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 700	74.3	85.4	86.3	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 600	75.8	86.8	87.8	88.0	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 500	77.6	88.9	89.9	90.1	90.6	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 450	77.7	89.1	90.4	90.4	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
≥ 400	78.6	90.7	91.7	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 350	79.3	91.6	92.6	92.9	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 300	80.0	92.7	93.7	94.1	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
≥ 250	80.0	92.8	93.8	94.2	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 200	80.1	93.3	94.3	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 1800	80.2	93.5	94.5	94.8	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1500	80.4	94.1	95.2	95.6	96.5	96.5	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 1200	80.5	94.6	95.9	96.3	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 1000	80.5	94.6	95.9	96.5	97.4	97.4	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
≥ 900	80.5	94.6	95.9	96.5	97.4	97.4	97.8	97.8	97.8	97.8	97.9	98.1	98.1	98.1
≥ 800	80.6	94.8	96.1	96.8	97.6	97.6	98.0	98.0	98.0	98.0	98.1	98.3	98.3	98.3
≥ 700	80.6	94.8	96.2	97.1	98.0	98.0	98.3	98.3	98.3	98.3	98.4	98.7	98.7	98.7
≥ 600	80.6	94.8	96.2	97.1	98.0	98.0	98.3	98.3	98.3	98.3	98.4	98.7	98.7	98.7
≥ 500	80.6	94.8	96.4	97.4	98.7	98.7	99.0	99.0	99.0	99.0	99.1	99.4	99.4	99.4
≥ 400	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9
≥ 300	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9
≥ 200	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9
≥ 100	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9
≥ 0	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION
PATRICK AFB FL/COLUDA BEACH STATION NAME

Q7-76 YEARS

140V
140V

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

140V
140V

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ 0
NO CEILING	58.7	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
≥ 20000	66.9	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 18000	66.9	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 16000	66.9	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 14000	68.1	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 12000	72.1	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 10000	76.7	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 9000	77.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 8000	79.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
≥ 7000	80.7	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 6000	82.3	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 5000	85.4	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 4500	85.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5
≥ 4000	86.6	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 3500	87.4	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 3000	88.0	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 2500	88.1	95.6	95.9	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 2000	88.9	97.0	97.3	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 1800	89.3	97.4	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1500	89.5	97.7	98.2	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1
≥ 1200	89.6	98.1	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 1000	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
≥ 900	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
≥ 800	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
≥ 700	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
≥ 600	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
≥ 500	89.6	98.1	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9
≥ 400	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 300	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 200	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

888

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION NAME PATRICK AFB EL PASO TEXAS 47-74 MONTHLY 1967-1970

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	58.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	66.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	66.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	66.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	68.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	71.8	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	76.1	81.9	81.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	76.3	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	79.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	81.5	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	82.2	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	83.9	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	84.2	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	85.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	86.5	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	88.0	95.1	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	88.1	95.5	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	88.7	97.1	97.5	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	88.7	97.2	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	88.8	97.4	97.9	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	88.8	97.5	98.0	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	88.8	97.5	98.0	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	88.8	97.5	98.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	88.8	97.5	98.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	88.8	97.5	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

12B07
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	62.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2000	67.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 1800	67.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 1600	67.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 1400	68.3	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1200	71.5	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1000	75.0	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 900	75.8	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 800	78.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 700	79.5	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 600	80.2	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 500	81.7	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	82.2	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	84.4	93.3	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	84.8	93.9	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	86.2	95.7	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	86.2	96.4	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	86.5	96.8	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	86.5	96.9	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	86.7	97.1	97.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

884

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION NAME PATRICK AFB FL/COCOA BEACH 07-70 YEARS MONTH 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	67.9	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	71.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	71.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	71.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	72.1	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	74.8	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	78.0	84.5	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	78.0	84.5	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000	79.5	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	80.6	87.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	81.2	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	83.6	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	84.1	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	85.9	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	86.4	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	87.0	96.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	87.2	96.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	87.5	97.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	87.5	97.2	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	87.6	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	87.6	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	87.6	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	87.6	97.4	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	87.6	97.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	87.6	97.8	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 67-74 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	63.6	72.9	73.1	73.6	73.7	73.7	74.0	74.0	74.0	74.3	74.3	74.3	74.3	75.0	
≥ 20000	69.8	74.5	74.7	75.1	75.4	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.4	
≥ 18000	69.8	74.5	74.7	75.1	75.4	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.4	
≥ 16000	69.8	74.5	74.7	75.1	75.4	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.4	
≥ 14000	70.1	74.8	75.0	75.4	75.7	75.7	76.0	76.0	76.0	76.4	76.4	76.4	76.4	76.7	
≥ 12000	71.9	76.5	76.7	77.1	77.4	77.4	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.4	
≥ 10000	73.3	77.9	78.1	78.5	78.8	78.8	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.8	
≥ 9000	73.3	78.1	78.2	78.7	79.0	79.0	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.9	
≥ 8000	75.6	80.0	80.7	81.2	81.5	81.5	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.4	
≥ 7000	75.7	80.7	80.9	81.3	81.6	81.6	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.6	
≥ 6000	77.6	82.7	82.9	83.4	83.7	83.7	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.6	
≥ 5000	80.7	86.3	86.3	86.9	87.2	87.2	87.6	87.6	87.6	87.9	87.9	87.9	87.9	88.2	
≥ 4500	81.0	86.5	86.5	87.4	87.7	87.7	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.6	
≥ 4000	84.6	90.5	90.8	91.3	91.6	91.6	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.7	
≥ 3500	84.6	91.1	91.4	91.9	92.4	92.4	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.3	
≥ 3000	85.2	92.1	92.5	93.0	93.3	93.3	93.5	93.5	93.5	94.1	94.1	94.1	94.1	94.4	
≥ 2500	85.8	92.8	93.3	93.8	94.1	94.1	94.2	94.2	94.2	94.9	94.9	94.9	94.9	95.2	
≥ 2000	86.2	93.5	93.9	94.4	94.7	94.7	94.9	94.9	94.9	95.6	95.6	95.6	95.6	95.9	
≥ 1800	86.2	93.6	94.2	94.7	95.0	95.0	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.9	
≥ 1500	86.2	93.9	94.6	95.0	95.3	95.3	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.3	
≥ 1200	86.3	94.1	94.7	95.2	95.5	95.5	95.6	95.6	95.6	96.1	96.1	96.1	96.1	96.4	
≥ 1000	86.6	94.4	95.0	95.5	95.8	95.8	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.7	
≥ 900	86.6	94.5	95.2	95.6	96.0	96.0	96.1	96.1	96.1	96.7	96.7	96.7	96.7	97.0	
≥ 800	86.8	94.7	95.3	95.8	96.1	96.1	96.3	96.3	96.3	96.9	96.9	96.9	96.9	97.2	
≥ 700	86.9	95.2	95.8	96.3	96.6	96.6	96.7	96.7	96.7	97.4	97.4	97.4	97.4	97.7	
≥ 600	87.1	95.5	96.3	96.7	97.0	97.0	97.2	97.2	97.2	97.7	97.7	97.7	97.7	98.0	
≥ 500	87.6	96.0	96.7	97.4	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.4	
≥ 400	87.6	96.0	96.7	97.4	97.7	97.7	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.7	
≥ 300	87.6	96.0	96.9	97.5	97.8	97.8	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.9	
≥ 200	87.6	96.0	96.9	97.5	97.8	97.8	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.9	
≥ 100	87.6	96.0	96.9	97.5	97.8	97.8	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.9	
0	87.6	96.0	96.9	97.5	97.8	97.8	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.9	

TOTAL NUMBER OF OBSERVATIONS

643

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

STATION

PATRICK AFB FL/COCOA BEACH

STATION NAME

67-72

YEARS

DEC

MONTH

0300-500

HOURS T.O.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	62.2	67.8	68.9	69.9	70.0	70.2	70.3	70.3	70.3	70.8	71.1	71.3	71.3	71.3
≥ 20000	64.1	70.2	71.3	72.2	72.4	72.5	72.7	72.7	72.7	73.2	73.5	73.6	73.6	73.6
≥ 18000	64.1	70.2	71.3	72.2	72.4	72.5	72.7	72.7	72.7	73.2	73.5	73.6	73.6	73.6
≥ 16000	64.1	70.2	71.3	72.2	72.4	72.5	72.7	72.7	72.7	73.2	73.5	73.6	73.6	73.6
≥ 14000	64.4	70.5	71.6	72.5	72.7	72.8	73.0	73.0	73.0	73.5	73.8	73.9	73.9	73.9
≥ 12000	65.1	71.3	72.4	73.3	73.5	73.6	73.8	73.8	73.8	74.3	74.6	74.7	74.7	74.7
≥ 10000	66.4	72.5	73.6	74.6	74.7	74.9	75.0	75.0	75.0	75.5	75.8	76.0	76.0	76.0
≥ 9000	66.6	72.8	73.9	74.9	75.2	75.4	75.5	75.7	75.7	76.1	76.5	76.6	76.6	76.6
≥ 8000	68.4	74.9	76.0	76.9	77.2	77.4	77.6	77.7	77.7	78.2	78.5	78.6	78.6	78.6
≥ 7000	69.7	76.3	77.4	78.3	78.6	78.8	79.0	79.1	79.1	79.6	79.9	80.1	80.1	80.1
≥ 6000	71.9	78.8	79.9	80.8	81.2	81.3	81.5	81.6	81.6	82.1	82.4	82.6	82.6	82.6
≥ 5000	74.4	81.9	83.0	84.0	84.3	84.5	84.6	84.8	84.8	85.2	85.6	85.7	85.7	85.7
≥ 4500	75.0	82.6	83.7	84.6	84.9	85.1	85.2	85.4	85.4	85.9	86.2	86.3	86.3	86.3
≥ 4000	78.2	85.9	87.0	87.9	88.2	88.4	88.5	88.7	88.7	89.2	89.5	89.6	89.6	89.6
≥ 3500	79.6	87.4	88.7	89.6	90.0	90.1	90.3	90.4	90.4	90.9	91.2	91.4	91.4	91.4
≥ 3000	80.8	89.0	90.3	91.2	91.5	91.7	91.8	92.0	92.0	92.5	92.8	92.9	92.9	92.9
≥ 2500	80.8	89.5	90.7	91.7	92.0	92.2	92.3	92.5	92.5	92.9	93.2	93.4	93.4	93.4
≥ 2000	81.5	90.3	91.8	92.9	93.2	93.4	93.6	94.0	94.0	94.5	94.8	95.0	95.0	95.0
≥ 1800	81.6	90.4	92.0	93.1	93.4	93.6	93.7	94.2	94.2	94.7	95.0	95.1	95.1	95.1
≥ 1500	81.8	90.6	92.2	93.2	93.6	93.7	93.9	94.3	94.3	94.8	95.1	95.3	95.3	95.3
≥ 1200	82.4	91.2	92.8	93.9	94.2	94.3	94.5	95.1	95.1	95.6	95.9	96.1	96.1	96.1
≥ 1000	82.4	91.2	92.8	93.9	94.2	94.3	94.5	95.1	95.1	95.6	96.1	96.2	96.2	96.2
≥ 900	82.6	91.4	92.9	94.0	94.3	94.5	94.7	95.4	95.4	95.9	96.2	96.4	96.4	96.4
≥ 800	83.4	92.3	93.9	95.0	95.3	95.4	95.6	96.4	96.4	96.9	97.2	97.3	97.3	97.3
≥ 700	83.5	92.6	94.2	95.3	95.6	95.8	96.1	96.9	96.9	97.3	97.6	97.8	97.8	97.8
≥ 600	83.5	92.6	94.2	95.3	95.6	95.8	96.1	96.9	96.9	97.3	97.6	97.8	97.8	97.8
≥ 500	83.7	93.2	94.8	95.9	96.2	96.4	96.7	97.6	97.6	98.1	98.4	98.6	98.6	98.6
≥ 400	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.7	98.7	98.7
≥ 300	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.7	98.7	98.7
≥ 200	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.7	98.7	98.7
≥ 100	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.7	98.7	98.7
≥ 0	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

637

DATA PROCESSING BRANCH
USAF TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION NAME PATRICK AFB FL/COCOA BEACH 07-76 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	49.4	59.7	60.0	61.3	61.4	61.4	61.4	61.4	61.7	61.7	61.9	61.9	62.3	62.6
≥ 20000	51.8	62.9	63.2	64.8	65.3	65.3	65.3	65.3	65.7	65.7	65.9	65.9	66.4	66.7
≥ 18000	51.8	62.9	63.2	64.8	65.3	65.3	65.3	65.3	65.7	65.7	65.9	65.9	66.4	66.7
≥ 16000	51.8	62.9	63.2	64.8	65.3	65.3	65.3	65.3	65.7	65.7	65.9	65.9	66.4	66.7
≥ 14000	51.9	63.0	63.3	64.9	65.4	65.4	65.4	65.4	65.8	65.8	66.0	66.0	66.5	66.8
≥ 12000	52.8	64.3	64.7	66.3	67.0	67.0	67.0	67.0	67.4	67.4	67.6	67.6	68.1	68.4
≥ 10000	55.0	67.2	67.8	69.4	70.1	70.1	70.1	70.1	70.5	70.5	70.8	70.8	71.2	71.6
≥ 9000	55.3	67.6	68.2	69.8	70.5	70.5	70.5	70.5	71.0	71.0	71.2	71.2	71.7	72.1
≥ 8000	56.6	69.4	70.0	71.4	72.3	72.3	72.3	72.3	72.8	72.8	73.1	73.1	73.5	73.9
≥ 7000	57.3	70.1	70.8	72.3	73.1	73.1	73.1	73.1	73.5	73.5	73.8	73.8	74.3	74.6
≥ 6000	58.9	72.2	72.8	74.5	75.2	75.2	75.2	75.2	75.8	75.8	76.2	76.2	76.7	77.1
≥ 5000	62.8	76.7	77.3	79.0	79.7	79.7	79.7	79.7	80.5	80.5	80.8	80.8	81.3	81.7
≥ 4500	63.2	78.0	78.6	80.3	81.1	81.1	81.1	81.1	81.8	81.8	82.2	82.2	82.6	83.0
≥ 4000	66.3	81.7	82.3	84.3	85.1	85.3	85.3	85.3	86.2	86.2	86.5	86.5	87.0	87.4
≥ 3500	67.2	83.4	84.0	86.0	86.8	87.0	87.0	87.0	87.9	87.9	88.2	88.2	88.7	89.1
≥ 3000	68.4	85.1	85.7	87.7	88.5	88.7	88.7	88.7	89.6	89.6	89.9	89.9	90.4	90.8
≥ 2500	68.8	85.6	86.2	88.2	89.0	89.2	89.2	89.2	90.0	90.0	90.4	90.4	90.9	91.3
≥ 2000	69.7	86.7	87.3	89.3	90.2	90.4	90.4	90.4	91.1	91.1	91.7	91.7	92.2	92.7
≥ 1800	69.7	86.8	87.4	89.4	90.4	90.7	90.7	90.7	91.4	91.4	92.0	92.0	92.5	93.1
≥ 1500	69.8	87.1	87.7	89.9	91.0	91.3	91.3	91.3	92.0	92.0	92.6	92.6	93.1	93.6
≥ 1200	70.1	87.6	88.2	90.4	91.5	91.7	91.7	91.7	92.7	92.7	93.1	93.1	93.6	94.1
≥ 1000	70.5	88.0	88.6	90.9	92.0	92.2	92.2	92.2	93.2	93.2	93.6	93.6	94.1	94.5
≥ 900	70.6	88.3	89.1	91.4	92.5	92.7	92.7	92.7	93.7	93.7	94.1	94.1	94.5	95.0
≥ 800	71.1	88.8	89.6	91.9	93.0	93.2	93.2	93.2	94.2	94.2	94.5	94.5	95.0	95.5
≥ 700	71.2	89.0	89.7	92.0	93.1	93.3	93.3	93.3	94.3	94.3	94.7	94.7	95.1	95.6
≥ 600	71.4	89.1	89.9	92.2	93.3	93.5	93.5	93.5	94.7	94.7	95.0	95.0	95.5	96.0
≥ 500	71.4	89.1	90.0	92.5	93.6	93.9	93.9	93.9	95.1	95.1	95.5	95.5	96.1	96.6
≥ 400	71.4	89.1	90.2	92.6	93.8	94.3	94.3	94.3	95.5	95.5	96.1	96.1	96.8	97.3
≥ 300	71.4	89.1	90.2	92.6	93.8	94.3	94.3	94.3	95.8	95.8	96.4	96.4	97.1	97.8
≥ 200	71.4	89.1	90.2	92.6	93.8	94.3	94.3	94.3	95.8	95.8	96.4	96.4	97.5	98.3
≥ 100	71.4	89.1	90.2	92.6	93.8	94.3	94.3	94.3	95.8	95.8	96.4	96.4	97.6	98.9
≥ 0	71.4	89.1	90.2	92.6	93.8	94.3	94.3	94.3	95.8	95.8	96.4	96.4	97.8	98.9

TOTAL NUMBER OF OBSERVATIONS

824

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH 07-70 YEARS OFC MONTH

0900-1100 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	53.6	59.6	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.8	60.8	61.0	61.0
≥ 20000	57.2	64.3	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.8	65.8	66.1	66.1
≥ 18000	57.2	64.3	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.9	65.9	66.2	66.2
≥ 16000	57.2	64.3	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.9	65.9	66.2	66.2
≥ 14000	57.2	64.3	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.9	65.9	66.2	66.2
≥ 12000	58.2	65.4	66.3	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.2	67.2	67.5	67.5
≥ 10000	62.3	70.5	71.1	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.2	72.2	72.4	72.4
≥ 9000	63.0	71.2	71.9	72.4	72.5	72.5	72.6	72.6	72.6	72.8	73.0	73.0	73.2	73.2
≥ 8000	65.0	73.9	74.6	75.1	75.2	75.2	75.4	75.4	75.4	75.5	75.7	75.7	75.9	75.9
≥ 7000	65.3	75.2	75.9	76.4	76.5	76.5	76.6	76.6	76.6	76.8	77.0	77.0	77.2	77.2
≥ 6000	67.0	76.5	77.3	77.8	78.2	78.2	78.3	78.3	78.3	78.4	78.6	78.6	78.8	78.8
≥ 5000	69.3	79.6	80.3	81.1	81.5	81.6	81.8	81.8	81.8	81.9	82.2	82.2	82.4	82.4
≥ 4500	70.2	81.1	81.9	82.8	83.2	83.4	83.6	83.6	83.6	83.7	83.9	83.9	84.1	84.1
≥ 4000	71.6	83.5	84.3	85.5	85.9	86.1	86.3	86.3	86.3	86.4	86.6	86.6	86.8	86.8
≥ 3500	72.3	84.9	85.7	87.0	87.5	87.6	87.8	87.8	87.8	88.0	88.2	88.2	88.5	88.5
≥ 3000	73.3	86.1	86.9	88.3	89.0	89.1	89.3	89.3	89.3	89.5	89.7	89.7	90.1	90.1
≥ 2500	74.3	87.0	87.9	89.3	89.9	90.1	90.4	90.4	90.4	90.6	90.8	90.8	91.1	91.1
≥ 2000	74.9	88.0	88.9	90.5	91.2	91.6	91.9	91.9	91.9	92.1	92.3	92.3	92.6	92.6
≥ 1800	75.2	88.3	89.2	90.8	91.6	91.9	92.2	92.2	92.2	92.4	92.6	92.6	93.0	93.0
≥ 1500	75.8	89.2	90.2	91.8	92.8	92.8	93.2	93.2	93.2	93.4	93.6	93.6	93.9	93.9
≥ 1200	76.6	90.4	91.4	93.1	94.1	94.2	94.5	94.5	94.5	94.7	94.9	94.9	95.2	95.2
≥ 1000	76.6	90.5	91.5	93.3	94.3	94.6	94.9	94.9	94.9	95.1	95.4	95.4	95.8	95.8
≥ 900	76.9	90.8	91.8	93.6	94.6	94.9	95.2	95.2	95.2	95.5	95.7	95.7	96.1	96.1
≥ 800	76.9	91.0	92.1	94.1	95.0	95.4	95.7	95.7	95.7	95.9	96.1	96.1	96.5	96.5
≥ 700	76.9	91.2	92.3	94.3	95.2	95.6	95.9	95.9	95.9	96.1	96.3	96.3	96.8	96.8
≥ 600	76.9	91.4	92.4	94.5	95.5	95.9	96.3	96.3	96.3	96.5	96.8	96.8	97.2	97.2
≥ 500	76.9	91.5	92.5	94.6	95.6	96.2	96.6	96.6	96.6	97.1	97.3	97.3	97.8	97.8
≥ 400	76.9	91.5	92.5	94.6	95.6	96.5	97.4	97.5	97.5	97.6	97.8	97.8	98.5	98.5
≥ 300	76.9	91.5	92.5	94.6	95.6	96.5	97.4	97.5	97.5	97.6	97.8	97.8	98.5	98.5
≥ 200	76.9	91.5	92.5	94.6	95.6	96.5	97.4	97.5	97.5	97.6	97.8	97.8	98.5	98.5
≥ 100	76.9	91.5	92.5	94.6	95.6	96.5	97.4	97.5	97.5	97.6	97.8	97.8	98.5	98.5
≥ 0	76.9	91.5	92.5	94.6	95.6	96.5	97.4	97.5	97.5	97.6	97.8	97.8	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

925

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB F1/COCCA BEACH 27-72 YEARS 12807-1400 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	58.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	63.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	63.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	64.0	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	64.1	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	65.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	71.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	72.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	74.2	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	75.2	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	76.6	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	78.5	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	79.9	86.3	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	81.3	88.3	89.3	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	82.3	89.4	90.4	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	83.2	90.6	91.7	92.3	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	83.9	91.7	92.8	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	85.1	93.5	94.7	95.5	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	85.5	93.9	95.1	95.9	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	85.7	94.3	95.7	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	85.7	94.4	95.9	96.6	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	85.8	94.7	96.2	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	85.8	94.7	96.2	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	85.8	94.7	96.2	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	85.8	94.8	96.3	97.2	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	85.8	94.8	96.3	97.2	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	85.8	94.9	96.4	97.4	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

Q-7-76

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	61.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	68.3	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	68.3	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	68.5	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	68.5	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	70.3	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	74.5	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	75.2	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	76.7	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	77.6	82.6	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	78.7	84.1	84.6	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	79.9	85.9	86.7	86.8	86.9	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	80.8	87.3	88.2	88.3	88.5	88.7	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	83.0	89.8	90.7	90.8	91.0	91.2	91.3	91.3	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	83.7	90.7	91.0	91.8	92.1	92.3	92.4	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	85.0	92.1	93.0	93.2	93.5	93.7	93.8	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	85.7	93.6	94.5	94.8	95.1	95.3	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	86.4	94.9	95.9	96.4	96.9	97.1	97.4	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	86.4	94.9	95.9	96.4	96.9	97.1	97.4	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	86.4	94.9	95.9	96.4	96.9	97.1	97.4	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	86.6	95.5	96.4	97.0	97.4	97.7	98.1	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	86.7	95.7	96.6	97.2	97.7	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	86.8	95.9	96.9	97.4	97.9	98.3	98.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	86.8	95.9	97.0	97.5	98.1	98.4	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	86.8	96.1	97.2	97.7	98.3	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	87.0	96.3	97.4	97.9	98.5	98.8	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

924

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION PATRICK AFB FL/COCOA BEACH 67-75 YEARS 1800-2000 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 0
NO CEILING	63.6	68.1	68.4	68.4	68.4	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 20000	68.0	73.2	73.4	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	68.0	73.2	73.4	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	68.2	73.6	73.8	73.9	74.0	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	68.6	74.0	74.3	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	71.0	76.8	77.0	77.1	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	73.8	80.7	80.9	81.2	81.3	81.3	81.3	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	75.1	82.0	82.2	82.5	82.6	82.6	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	77.5	84.6	84.8	85.1	85.2	85.3	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	78.1	85.3	85.6	85.9	86.1	86.1	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	79.4	86.5	87.2	87.5	87.7	87.7	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	80.1	87.9	88.4	88.7	88.9	88.9	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	80.2	88.2	88.8	89.1	89.4	89.4	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	82.0	90.6	91.2	91.5	91.7	91.7	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	83.0	91.7	92.4	92.7	92.9	92.9	92.9	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	83.2	92.4	93.2	93.5	93.8	93.8	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	83.6	93.5	94.2	94.7	95.0	95.0	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	83.7	93.8	94.9	95.5	95.9	96.0	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	83.7	93.8	94.9	95.7	96.0	96.1	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	83.9	94.0	95.1	95.9	96.4	96.5	96.5	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	84.0	94.4	95.5	96.3	97.0	97.1	97.1	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	84.0	94.5	95.8	96.6	97.4	97.6	97.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	84.3	94.9	96.2	97.1	97.8	98.0	98.0	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1
≥ 800	84.4	95.1	96.4	97.3	98.1	98.3	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3
≥ 700	84.6	95.4	96.7	97.6	98.4	98.6	98.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	84.6	95.4	96.7	97.6	98.4	98.6	98.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	84.6	95.4	96.7	97.7	98.5	98.7	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	84.6	95.4	96.7	97.7	98.6	98.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	84.6	95.4	96.7	97.7	98.6	98.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	84.6	95.4	96.7	97.7	98.6	98.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	84.6	95.4	96.7	97.7	98.6	98.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	84.6	95.4	96.7	97.7	98.6	98.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867

PATRICK AFB FL/COCOA BEACH

67-16

OFF
MONTH

STATION NAME

YEARS

2100-2300
HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	65.2	70.1	70.1	70.7	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	68.6	74.0	74.2	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	68.6	74.0	74.2	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	68.6	74.4	74.5	75.0	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	69.2	74.7	74.8	75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	71.3	77.4	77.5	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	73.6	81.2	81.4	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	74.5	82.1	82.2	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	77.1	85.7	85.8	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	77.4	86.0	86.2	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	78.5	87.1	87.2	87.9	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	80.5	89.2	89.3	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	80.5	89.2	89.3	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	82.6	91.5	91.6	92.3	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	83.5	92.6	92.7	93.3	93.9	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	84.0	93.2	93.3	94.0	94.7	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	84.1	93.9	94.0	94.7	95.3	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	84.3	94.7	94.8	95.5	96.2	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	84.4	94.8	94.9	95.6	96.3	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	84.4	95.0	95.1	95.9	96.5	96.5	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	84.4	95.3	95.4	96.2	96.8	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	84.4	95.4	95.5	96.3	97.1	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	84.6	95.7	95.9	96.6	97.4	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	84.6	96.0	96.1	96.8	97.6	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	84.8	96.2	96.3	97.1	97.8	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	84.8	96.2	96.3	97.1	97.9	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	85.0	96.3	96.4	97.2	98.0	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	85.0	96.3	96.4	97.2	98.3	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

917

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

5

12607

PATRICK AFB FL/CNOA BEACH

6.1-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	22.3	6.0	6.6	7.1	4.5	3.7	3.0	5.7	6.4	5.5	29.1	2970
FEB		27.1	5.4	5.9	4.7	4.6	3.0	3.0	5.5	6.7	5.4	27.8	2709
MAR		23.0	6.0	5.0	4.8	5.7	3.3	4.0	5.9	7.3	5.7	28.2	2973
APR		29.3	7.7	8.4	7.1	5.9	4.0	4.4	6.4	7.0	3.2	16.6	2375
MAY		20.1	8.5	8.6	6.5	5.4	4.8	4.2	6.8	6.9	4.5	21.5	2957
JUN		9.7	6.3	8.8	9.2	7.2	6.5	6.0	7.7	8.0	6.0	24.4	2873
JUL		9.4	6.4	8.1	7.3	5.6	4.2	3.3	8.1	10.0	5.9	27.0	2972
AUG		11.6	9.1	10.3	9.2	7.6	4.7	6.9	7.4	8.9	4.7	19.9	2974
SEP		8.2	6.9	10.2	9.4	8.5	5.1	5.0	7.3	8.0	6.3	24.5	2874
OCT		15.4	7.1	8.4	7.8	5.7	3.7	4.5	6.1	7.0	3.9	29.7	2966
NOV		34.9	7.8	7.5	7.0	5.2	3.3	3.0	6.2	5.6	2.4	17.5	2869
DEC		40.2	7.1	6.7	5.5	3.8	3.0	3.4	4.0	3.7	3.3	18.8	2973
TOTALS		21.0	7.0	7.9	7.5	5.8	4.1	4.5	6.5	7.1	4.8	23.8	34995

SKY COVER

STATION	1207
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PATRICK AFB FL/CDCOA DEACH

47-70

三三三

STATION

STATION NAME

PERIOD

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	33.0	5.4	6.6	7.6	4.6	1.0	6.7	4.3	4.0	5.0	25.7	4.4	369
	03-05	52.9	6.5	6.2	5.7	3.2	2.2	3.5	3.2	4.1	2.4	29.4	4.0	371
	06-08	19.9	6.2	7.3	2.1	3.5	2.1	2.2	6.7	5.4	7.5	35.4	5.7	371
	09-11	17.7	4.0	5.1	6.7	5.4	1.6	5.5	4.8	8.7	7.0	35.2	6.0	372
	12-14	12.9	5.7	4.0	6.2	6.5	5.1	2.8	6.5	8.9	6.5	33.2	6.2	371
	15-17	13.4	5.6	7.5	10.5	3.5	4.0	1.0	8.9	9.1	7.0	28.8	5.8	372
	18-20	21.2	6.7	8.3	7.3	4.6	4.1	2.7	7.3	5.0	5.4	26.6	5.1	372
	21-23	31.7	7.8	7.0	7.3	4.6	3.2	4.0	4.0	4.0	5.4	20.4	4.2	372
TOTALS		22.9	6.0	6.0	7.1	4.5	3.2	3.0	5.7	6.4	5.5	29.1	5.3	2970

SKY COVER

125

PATRICK AFB FL/COCTA SLACH

67-70

STATION

STATION NAME

PERIOD

APP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	41.7	7.2	7.0	5.0	5.8	4.7	5.3	3.9	4.4	1.9	12.8	3.2	360
	03-05	39.7	7.5	10.3	5.4	4.2	3.7	3.1	3.6	5.0	1.7	13.0	3.4	360
	06-08	21.9	4.7	8.5	7.2	5.8	2.8	5.0	0.7	10.0	5.6	21.1	5.0	360
	09-11	19.0	0.4	9.4	10.1	4.8	4.4	3.0	7.0	6.7	5.3	21.0	4.9	357
	12-14	21.1	8.3	9.7	6.7	8.3	5.6	4.7	3.9	6.1	3.6	16.7	4.5	360
	15-17	23.3	7.8	6.3	8.1	7.0	2.5	2.8	8.3	9.4	4.7	10.9	4.5	360
	18-20	27.9	7.5	7.0	6.7	5.0	6.4	5.3	7.5	8.1	2.5	15.0	4.2	359
	21-23	39.6	10.3	6.4	7.6	4.7	2.9	5.3	5.3	4.7	.3	13.1	3.2	359
TOTALS		29.3	7.7	8.4	7.1	5.9	4.0	4.4	6.4	7.0	3.2	16.6	4.1	2875

SKY COVER

12807

PATRICK AFB FL/CNOA BEACH

41-70

STATION

STATION NAME

PERIOD

人々

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	36.8	7.3	6.0	7.3	3.2	1.0	4.1	4.9	7.0	3.2	17.8	3.9	370
	03-05	27.8	8.6	8.1	8.6	6.5	6.4	4.3	6.2	4.0	3.5	14.6	4.0	370
	06-08	14.9	7.6	8.1	10.4	6.2	5.1	1.9	8.1	7.0	6.2	23.2	2.3	370
	09-11	14.2	8.9	8.9	10.8	5.9	7.5	3.2	8.3	8.5	5.9	17.5	5.0	372
	12-14	13.0	10.8	10.8	8.9	7.3	4.2	4.3	8.1	8.0	4.3	20.8	5.0	370
	15-17	14.0	7.3	9.4	7.5	5.4	4.0	4.6	8.1	7.5	4.3	27.7	5.5	372
	18-20	15.5	6.7	8.4	7.3	5.9	5.1	3.7	4.6	7.0	4.0	29.0	5.5	371
	21-23	24.2	10.5	10.2	7.0	3.0	3.2	5.1	6.2	5.4	4.6	20.7	4.4	372
TOTALS		20.1	8.5	3.6	8.2	5.4	4.0	4.2	6.8	6.9	4.5	21.5	4.8	2967

SKY COVER

12507

PATRICK AFB FL/USCMA BEACH

47-70

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STATION

STATION NAME

PERIOD

PLINOM

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	18.4	10.1	9.0	10.1	5.3	5.3	5.9	6.7	8.4	2.0	18.3	4.6	356
	03-05	18.7	8.4	12.3	11.7	6.7	5.6	5.6	6.7	7.5	3.6	13.9	4.3	359
	06-08	11.4	4.2	8.2	11.1	5.0	9.7	4.7	8.2	6.7	5.8	23.9	5.6	360
	09-11	5.0	3.6	8.2	9.4	11.1	9.7	7.5	8.1	7.5	5.8	22.8	5.8	360
	12-14	4.2	5.6	12.0	9.5	6.7	8.4	5.0	5.6	10.0	7.5	24.2	5.9	359
	15-17	5.0	6.4	5.3	7.2	6.1	4.4	7.2	9.4	9.1	9.2	30.0	6.6	360
	18-20	3.1	3.3	5.6	5.5	4.9	6.1	5.3	7.8	10.3	8.1	36.1	7.0	360
	21-23	10.0	8.9	7.0	9.2	7.5	5.6	6.4	7.8	7.2	5.0	26.2	5.6	359
TOTALS		9.7	6.3	8.6	9.2	7.2	6.5	6.0	7.7	8.5	6.0	24.4	5.7	2873

SKY COVER

STATION
12807

PATKICK AFB FL/CUCUJA BEACH

12-70

STATION NAME

Version

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	17.8	13.2	10.2	5.4	5.9	5.1	5.9	8.1	3.9	2.2	10.8	4.5	370
	03-05	23.4	15.9	9.4	6.2	7.0	5.9	5.4	6.5	5.1	2.4	10.8	3.6	372
	06-08	8.9	6.9	10.2	10.2	4.0	3.0	6.7	9.4	11.6	3.1	21.5	5.5	372
	09-11	4.3	4.8	8.3	7.2	7.8	7.5	5.0	11.0	13.7	5.1	24.2	6.2	372
	12-14	2.7	5.4	7.0	8.6	7.8	4.0	4.3	9.2	12.7	11.1	27.2	6.6	371
	15-17	2.4	6.7	4.8	5.6	3.5	2.4	5.4	7.0	14.2	11.3	30.6	7.2	372
	18-20	4.0	4.9	3.3	4.9	2.7	2.2	4.9	9.2	10.6	6.7	46.1	7.5	371
	21-23	11.8	7.5	10.8	7.3	5.9	3.0	4.3	4.0	8.9	3.0	32.8	5.7	372
TOTALS		9.4	3.4	8.1	7.3	5.6	4.4	5.3	6.1	10.6	5.9	27.0	5.9	2972

SKY COVER

STATION
12507

STATION NAME
PATRICK AFB FL/COCOA BEACH

67-70

STATION NAME

PERIOD

AUG

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	27.4	9.1	11.3	6.7	7.0	1.9	5.4	5.9	8.3	3.2	13.7	4.0	372
	03-05	27.2	9.7	12.4	12.4	8.9	3.0	7.8	3.2	4.0	3.2	7.5	3.3	371
	06-08	7.9	6.7	10.9	11.3	11.0	4.0	10.2	6.6	10.2	4.8	14.5	5.2	372
	09-11	.6	6.5	13.2	8.9	10.2	7.3	6.7	9.2	12.5	5.7	16.4	5.6	371
	12-14	1.9	10.5	11.3	9.1	8.6	7.3	4.8	9.4	10.5	4.8	21.8	5.7	372
	15-17	3.0	7.8	9.4	8.9	6.2	5.1	6.2	8.1	7.3	7.8	30.4	6.3	372
	18-20	5.1	9.9	7.3	7.5	4.0	4.0	5.9	6.5	3.6	4.6	36.6	6.4	372
	21-23	19.9	10.8	7.3	8.6	5.1	4.3	4.8	6.1	9.1	3.8	18.3	4.7	372
TOTALS		11.6	9.1	10.3	9.4	7.6	4.7	6.5	7.4	8.9	4.7	19.9	5.2	2974

SKY COVER

STATION	12407
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PATRICK AFB FL/COLUMA BEACH

06-70

STATION NAME

PERIOD

51.0 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF 1 COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SLP	00-02	15.5	10.6	10.0	12.3	8.0	3.6	0.1	6.1	5.8	3.3	17.8	4.5	359
	03-05	18.9	9.7	12.6	7.5	10.0	5.0	4.2	5.3	8.9	3.1	13.9	4.3	359
	06-08	6.1	7.0	10.9	10.6	7.2	7.8	5.8	8.1	9.2	0.4	20.9	5.6	359
	09-11	3.9	4.2	8.1	9.7	11.1	4.2	6.1	11.4	8.0	8.1	24.7	6.2	360
	12-14	2.5	5.3	8.4	9.7	8.1	7.0	5.8	7.5	9.2	7.2	29.2	6.4	359
	15-17	3.3	3.6	7.2	10.0	5.6	5.0	5.3	8.6	6.4	10.9	33.4	6.7	359
	18-20	2.2	3.9	11.1	6.1	10.0	3.6	5.3	6.1	8.0	6.1	33.1	6.6	359
	21-23	13.3	10.8	12.8	7.2	6.7	4.4	6.4	5.0	6.9	3.3	23.1	5.0	360
TOTALS		8.2	6.9	10.2	9.4	8.5	5.1	5.6	7.3	8.0	6.3	24.5	5.7	2374

SKY COVER

12857

PATRICK AFB FL/COCOA BEACH

01-70

STATION

STATION NAME

PERIOD

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
01	00-02	26.3	11.0	8.0	5.9	5.4	2.2	2.7	5.6	5.6	3.5	22.6	4.4	372
	03-05	23.1	9.5	9.0	10.5	5.2	4.1	2.7	4.3	4.9	2.2	24.5	4.5	368
	06-08	12.1	5.9	9.4	7.0	6.7	3.0	5.4	6.5	8.1	3.6	31.3	5.8	371
	09-11	10.2	7.5	8.1	9.7	6.2	4.0	4.9	6.2	6.2	5.1	31.8	5.8	371
	12-14	4.6	6.5	10.5	9.7	8.1	3.0	4.6	6.7	9.1	4.0	32.3	6.1	372
	15-17	10.2	3.5	6.7	7.6	5.9	4.6	5.9	7.5	8.1	5.4	34.4	6.3	372
	18-20	12.4	5.7	7.3	5.7	4.3	4.0	5.7	4.9	10.0	4.3	35.3	6.2	371
	21-23	24.1	6.6	7.0	6.2	4.1	4.3	4.1	7.3	7.3	3.0	25.2	4.9	369
TOTALS		15.4	7.1	8.4	7.6	5.7	3.9	4.5	6.1	7.3	3.9	29.7	5.5	2966

SKY COVER

12x57

PAULICK AFB EL/EC/EA LEACH

4-70

434

SECTION

STATION NAME

Definition

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	44.4	0.4	10.0	5.0	3.3	2.0	2.8	4.4	5.0	1.4	14.4	3.1	309
	03-05	47.8	3.6	7.2	6.7	3.0	1.7	3.6	5.3	4.4	1.4	14.7	3.1	309
	06-08	32.3	7.0	6.7	6.1	4.2	5.0	1.7	6.7	6.4	3.1	20.9	4.3	359
	09-11	30.4	4.2	7.2	8.9	5.3	3.1	2.2	6.1	6.4	7.0	18.9	4.4	359
	12-14	22.7	6.2	9.2	9.2	7.0	5.0	3.9	10.4	7.0	3.1	15.7	4.5	357
	15-17	21.7	5.3	7.0	6.4	9.2	3.6	5.0	9.5	6.7	4.5	16.7	4.8	359
	18-20	32.8	7.8	6.4	6.7	4.8	1.7	5.0	3.9	5.3	4.5	21.0	4.2	357
	21-23	47.2	5.6	5.9	5.3	4.2	3.1	3.0	3.6	3.0	2.5	15.4	3.2	358
TOTALS		34.9	5.8	7.5	7.0	5.2	3.1	3.6	6.2	5.6	3.4	17.5	4.0	2869

SKY COVER

PERIODDEC
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	53.6	5.9	5.9	3.2	3.8	1.9	2.2	2.7	3.2	2.7	14.2	2.8	372
	03-05	50.4	4.9	5.9	5.1	1.9	2.7	3.2	3.5	3.5	1.9	16.7	3.1	371
	06-08	39.2	5.7	6.2	4.1	4.6	3.2	3.0	4.6	4.3	4.6	20.5	4.0	370
	09-11	36.7	5.1	5.6	6.7	3.5	2.4	1.6	4.6	4.0	5.4	22.3	4.1	372
	12-14	23.1	12.1	8.9	7.6	6.2	4.3	4.3	4.6	5.6	3.2	19.9	4.3	372
	15-17	25.3	9.7	10.6	7.6	3.8	3.0	5.1	7.0	4.0	4.0	19.1	4.3	372
	18-20	38.7	6.1	6.2	6.2	4.8	3.2	3.2	5.4	2.4	3.2	18.5	3.7	372
	21-23	52.7	2.4	4.3	3.0	1.9	2.4	4.6	4.0	1.0	1.1	18.8	3.1	372
TOTALS		40.2	7.1	6.7	5.2	3.8	3.0	3.4	4.6	3.7	3.3	18.8	3.7	2973

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

DATA PROCESSING BRANCH
USAF ETAC

USAF ETAC

AIR TRAFFIC SERVICE/ATIS

PATRICK. AF3 FL/CDCG EACH

50-76

YEARS

MAXIMUM

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
12567 PATRICK AFB FL/COCOA BEACH

DAILY TEMPERATURES

STATION 12567 STATION NAME PATRICK AFB FL/COCOA BEACH

50-76

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
30						2.1	5.3	11.1	20.2	2.5	.1		3.5
35						53.0	77.3	83.4	80.4	36.4	3.7	.4	29.9
40						98.4	99.5	99.8	99.6	75.5	23.6	6.3	52.3
45	2.1	2.5	5.7	33.1	77.1	100.0	100.0	100.0	100.0	90.6	75.4	26.2	67.9
50	18.9	19.4	34.0	70.9	95.2					97.1	86.8	45.8	80.0
55	42.4	42.0	65.5	89.8	99.8					99.3	94.3	60.8	87.9
60	62.2	63.9	82.4	97.4	100.0					100.0	97.3	80.0	93.9
65	77.2	81.6	93.0	99.0							99.4	97.4	97.6
70	89.7	92.8	98.3	100.0							99.9	99.3	99.7
75	96.2	97.4	99.3								100.0	99.6	99.9
80	98.3	99.2	100.0									99.8	100.0
85	99.4	99.6										100.0	100.0
90	99.9	100.0											
95	100.0												
100													
105													
110													
115													
120													
125													
130													
135													
140													
145													
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245													
250													
255													
260													
265													
270													
275													
280													
285													
290													
295													
300													
MEAN	96.2	96.9	61.0	66.0	71.5	74.7	76.0	74.7	76.9	72.1	63.7	57.4	67.5
S.D.	5.599	7.930	6.773	4.043	3.417	2.473	2.223	2.103	2.755	5.169	7.766	8.650	9.742
TOTAL OBS.	813	782	837	810	837	806	837	837	810	837	810	837	9836

DATA EXTRACTS BRANCH

USAF TAC

AIR HEAT-ER SERVICE/ABC

[illegible]

STATION	STATION NAME
1	STATION 1
2	STATION 2
3	STATION 3
4	STATION 4
5	STATION 5
6	STATION 6
7	STATION 7
8	STATION 8
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92	STATION 92
93	STATION 93
94	STATION 94
95	STATION 95
96	STATION 96
97	STATION 97
98	STATION 98
99	STATION 99
100	STATION 100

YEARS

五

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12867 STATION PATRICK AFB FL/COCOA BEACH STATION NAME 50-76 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	79	81	89	86	89	98	95	92	94	88	83	79	96
51	78	80	84	87	93	94	90	93	90	91	87	84	94
52	80	84	88	87	89	96	92	93	91	86	83	75	96
53	80	82	87	88	91	95	93	93	88	84	84	80	95
54	83	82	90	89	89	92	92	95	94	87	81	78	95
55	82	84	89	90	88	95	89	97	92	88	84	79	97
56	83	86	89	93	94	93	95	97	90	88	82	84	97
57	82	85	86	89	88	95	96	94	90	86	87	81	96
58	76	83	85	89	86	97	89	93	93	89	84	78	97
59	80	84	86	88	88	91	91	90	93	90	83	82	93
60	83	83	84	86	85	88	90	91	91	87	81	80	91
61	81	85	89	90	90	90	92	90	91	86	83	85	92
62	82	85	86	81	94	89	94	92	90	89	84	79	94
63	84	78	83	88	88	91	92	94	90	86	78	80	94
64	82	79	86	91	88*	91	93	92	89	90	83	81	93
65	85	85	90	90	88	91	91	92	88	91	82	81	92
66	80	78	79	80	88	91	93	93	90	87	80	76	93
67	85	82	86	90	92	92	93	89	89	86	86	85	93
68	83	74	88	96	93	92	91	91	95	89	85	79	96
69	76	80	82	87	85	90	95	92	90	85	80	81	95
70	79	76	80	89	88	94	90	90	88	86	85	83	94
71	83	86	89	95	94	94	91	90	88	85	84	84	95
72	86	80	87	92	93	92	88	90	91	85	84	84	93
73	83	82	82	86	93	91	91	88	92	86	85	82	93
74	83	86	90	86	89	92	92	89	93	89	85	79	93
75	84*	84	90	90	91	92	92	91	91	90	84	82	92
76	82	88	88	88	89	86	94	94	91	89	85	78	94
MEAN	81.7	82.3	86.7	88.6	89.7	92.3	92.0	92.0	90.8	87.5	83.4	80.7	94.3
S.D.	2.572	3.338	2.869	3.457	2.712	2.701	2.019	2.261	1.942	1.988	2.117	2.726	1.810
TOTAL OBS.	813	762	837	810	837	809	837	837	810	837	810	837	9836

NOTES * (BASED ON < FULL MONTHS)

USAF/ETAC/DL A 0005 (DLA) 01 AT LEAST ONE DAY < 24 HRS

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

4

EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12867 STATION PATRICK AFB EL COCOA BEACH 50-76 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	61	49	50	48	64	68	67	71	70	70	33	32	32
51	39	36	46	51	64	70	72	75	72	63	42	46	36
52	43	47	49	52	63	72	74	73	70	55	47	38	38
53	41	47	53	58	67	72	73	73	73	54	50	42	41
54	41	46	42	62	68	68	72	75	72	50	46	37	37
55	38	36	44	57	63	67	72	68	72	57	44	41	36
56	34	46	47	53	70	69	71	72	66	63	39	44	34
57	40	54	46	60	67	71	71	70	73	52	54	29	29
58	32	32	48	57	61	71	71	73	73	60	58	43	32
59	33	56	45	52	63	70	71	72	70	61	40	43	33
60	35	40	39	55	57	69	72	73	73	65	56	36	35
61	37	46	46	56	59	69	70	72	73	52	55	38	37
62	39	49	35	53	65	70	71	73	71	63	46	27	27
63	44	40	50	56	62	70	70	73	71	59	44	36	36
64	29	43	51	53	66	74	71	72	70	56	50	44	29
65	33	40	45	58	63	70	72	73	72	61	53	48	33
66	30	35	44	55	69	71	73	71	73	58	44	38	30
67	43	34	56	61	63	70	74	69	70	63	57	47	34
68	41	40	36	63	66	71	73	72	73	57	42	33	33
69	46	43	43	62	65	72	73	73	69	69	40	46	40
70	31	33	45	61	65	69	71	73	74	67	36	40	31
71	33	39	43	50	60	70	73	73	71	66	54	56	33
72	47	41	58	59	65	71	72	71	74	67	52	40	40
73	38	37	53	54	60	70	74	70	73	53	53	36	36
74	61	38	55	58	67	72	73	73	76	66	56	43	38
75	43	52	49	52	70	73	74	75	74	69	47	38	38
76	37	46	50	62	69	71	73	74	70	58	50	43	37
MEAN	39.6	42.4	47.0	56.2	64.5	70.4	72.0	72.3	71.8	60.5	47.8	40.1	34.6
S.D.	7.870	6.411	5.578	4.163	3.378	1.573	1.556	1.706	2.025	5.780	6.902	6.169	3.607
TOTAL OBS.	813	782	837	810	837	809	837	837	810	837	810	837	9836

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-8-5 (OLA) # (AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

67-76

PATRICK AFB FL/COCKA BEACH

ALI

MONTH

YEARS

STATION NAME

PAGE 1

ALL

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE : 1974 762-610																							
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
98/ 97										.0	.0			.0				1	1				
96/ 95										.0	.0			.0				9	9				
94/ 93									.0	.0	.0			.0				37	37				
92/ 91									.0	.0	.0	.0		.0				143	143				
90/ 89									.0	.0	.0	.0	.0	.0				397	397				
88/ 87			.0	.0	.0	.0			.0	.0	.0	.0	.0	.0				1385	1385				
86/ 85		.0	.1	.9	1.9	.6	.2	.1	.1	.0	.0	.0	.0	.0				3335	3335				
84/ 83		.0	.9	2.5	2.0	.6	.3	.1	.0	.0	.0	.0	.0	.0				5343	5345				
82/ 81		.3	2.5	3.7	2.0	.9	.4	.2	.1	.0	.0	.0	.0	.0				8004	8006	14	2		
80/ 79	.0	.8	3.9	3.2	1.7	1.0	.4	.1	.0	.0	.0	.0	.0	.0				8912	8917	315	39		
78/ 77	.1	1.3	3.2	2.2	1.6	.7	.4	.1	.0	.0	.0	.0	.0	.0				7802	7811	7846	3002		
76/ 75	.2	2.3	2.4	2.1	1.3	.7	.4	.1	.0	.0	.0	.0	.0	.0				7690	7696	9555	7963		
74/ 73	.2	1.6	1.6	1.9	.9	.7	.3	.1	.0	.0	.0	.0	.0	.0				5925	5974	10254	9102		
72/ 71	.3	1.3	1.9	1.4	.9	.7	.3	.1	.0	.0	.0	.0	.0	.0				5524	5555	7735	8585		
70/ 69	.4	1.1	1.9	1.1	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0				5043	5088	6508	7470		
68/ 67	.3	1.0	1.3	.7	.6	.4	.2	.1	.0	.0	.0	.0	.0	.0				3722	3779	6219	5976		
66/ 65	.4	1.1	.6	.6	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0				3150	3167	5310	5970		
64/ 63	.4	1.0	.5	.7	.5	.3	.1	.1	.0	.0	.0	.0	.0	.0				2888	2892	4416	5622		
62/ 61	.2	.7	.5	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0				2001	2001	3528	4023		
60/ 59	.1	.5	.5	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0				1665	1667	2750	3282		
58/ 57	.0	.5	.4	.4	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0				1497	1495	2293	2818		
56/ 55	.1	.5	.4	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0				1361	1390	2020	2019		
54/ 53	.0	.2	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0				1065	1055	1603	2142		
52/ 51	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0				797	797	1205	1825		
50/ 49	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0				619	619	1162	1447		
48/ 47	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				443	443	993	1207		
46/ 45	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				323	323	861	1143		
44/ 43	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				177	177	637	829		
42/ 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				115	115	413	782		
40/ 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				82	82	292	631		
38/ 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				59	59	135	390		
36/ 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				25	25	113	484		
34/ 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				25	25	75	350		
32/ 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				7	7	35	264		
Element (X)	ΣX																Mean No. of Hours with Temperature				Total		
Rel. Hum.																	≥ 80 F				≥ 93 F		
Dry Bulb																	≥ 73 F						
Wet Bulb																	≥ 67 F						

DATA PROCESSING BRANCH
USAF LIAISON
AIR MAINTENANCE SERVICE/MAC

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL																							
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																					
30 / 29																					30	20.9																				
28 / 27																					21	21.4																				
26 / 25																					10	11.1																				
24 / 23																						6.4																				
22 / 21																						4.9																				
20 / 19																						3.8																				
18 / 17																						3.2																				
16 / 15																						2.8																				
14 / 13																						1.2																				
12 / 11																						.7																				
10 / 9																						.7																				
8 / 7																						.5																				
6 / 5																						.8																				
4 / 3																						.2																				
TOTAL	2.9	15.1	24.3	23.9	17.1	9.7	4.3	1.7	.7	.3	.1	.0	.0	.0	.0	.0		79626	19834	79626																						
																						79626	79626																			

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2807

PATRICK AFB FL/CDCOA BEACH

7-70

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SAVES

3MVA MOBILITY

1996

MONTH

41

1251511H

U. S. GOVERNMENT PRINTING OFFICE-1974 762-610

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12807 PATRICK AFB FL/CDCOA AFACH

07-78

YEARS

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87										.0								1	1			
86/ 85									.0	.0								7	7			
84/ 83						.0		.0	.0	.0								6	6			
82/ 81				.2	.1	.1	.1	.1	.0	.0								38	38			
80/ 79		.0	.1	.3	.1	.2	.2	.2	.0	.0								73	74			
78/ 77		.0	.1	.3	.2	.2	.3	.1	.0	.0								70	79	1		
76/ 75		.4	.5	.7	.7	.4	.2	.1	.0	.0								161	181	24	4	
74/ 73	.0	.7	.7	2.0	.6	.5	.2	.1	.1	.1								309	309	65	14	
72/ 71	.2	1.2	2.0	1.7	.8	.9	.2	.1	.0	.0								421	421	175	82	
70/ 69	.2	1.1	3.1	1.3	1.4	.7	.3	.1	.1	.1								520	520	245	175	
68/ 67	.3	1.5	2.6	1.2	1.4	.9	.4	.2	.1	.1								549	549	455	222	
66/ 65	.4	2.0	1.7	1.7	1.5	1.1	.4	.1	.2	.1								508	568	550	355	
64/ 63	.6	3.1	1.6	1.9	1.4	.7	.3	.3	.1	.0								635	635	511	632	
62/ 61	.4	1.8	1.6	1.2	1.3	.8	.3	.3	.1	.1								493	493	504	455	
60/ 59	.2	1.0	1.6	1.0	.7	.4	.3	.4	.0	.0								392	392	486	366	
58/ 57	.2	1.9	1.0	1.5	.7	.5	.3	.1	.1	.0								433	433	523	372	
56/ 55	.2	2.3	1.4	1.1	.8	.6	.2	.1	.1	.1								410	410	490	468	
54/ 53	.2	1.0	1.2	1.0	.9	.3	.2	.0	.0	.0								307	307	452	446	
52/ 51	.1	.8	.8	1.2	.6	.1	.1	.0										240	240	306	589	
50/ 49		.4	.9	.8	.5	.1	.0											174	174	205	333	
48/ 47		.5	.9	.9	.4	.1	.0											158	158	275	320	
46/ 45		.4	1.0	.4	.2	.2	.0											142	142	303	277	
44/ 43		.1	.5	.2	.1	.1												61	61	205	178	
42/ 41		.1	.1	.1	.1	.0												29	29	149	219	
40/ 39			.2	.1	.0													19	19	91	214	
38/ 37			.2	.1	.0													18	18	36	183	
36/ 35				.1	.0													7	7	43	160	
34/ 33				.0	.0													4	4	20	104	
32/ 31																				9	72	
30/ 29																				7	64	
28/ 27																				4	64	
26/ 25																					23	
24/ 23																					13	
22/ 21																					24	
Element (X)	Σ X ²		Σ X		X̄		X̄		X̄		X̄		X̄		X̄		X̄		X̄		X̄	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Mean No. of Hours with Temperature																						

4.

ALL
MONTH

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION

PATRICK AFB FL/COLDA BEACH

67-76

YEARS

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 69										.1	.0							10	10		
88/ 87									.1	.1	.0							26	26		
86/ 85									.1	.1	.0							27	27		
84/ 83									.1	.1	.0							21	21		
82/ 81				.0	.3	.3	.4	.2	.3	.1	.0							116	116		
80/ 79			.2	.0	.3	.4	.1	.2	.1	.0	.0							132	132		
78/ 77		.0	.7	.9	1.2	.2	.2	.1	.0	.0								241	241	1	
76/ 75		.5	1.8	1.7	1.5	.5	.3	.1	.1	.1								405	465	37	3
74/ 73	.0	1.8	1.9	3.0	1.3	.9	.6	.3	.1	.0	.0							680	680	233	37
72/ 71	.3	2.7	2.9	2.7	1.6	.9	.9	.2	.0	.0	.0							840	840	595	298
70/ 69	.4	2.6	4.2	2.2	1.4	1.3	.0	.2	.1	.1	.0							916	916	631	525
68/ 67	.5	2.1	3.4	2.0	1.4	.9	.3	.1	.0	.0	.0							752	752	857	470
66/ 65	1.2	2.6	2.4	.9	1.0	.8	.1	.1	.1	.0	.0							641	641	871	825
64/ 63	1.1	2.9	1.6	1.5	1.2	.8	.3	.3	.0	.1	.0							681	681	842	921
62/ 61	.7	1.4	.9	.0	.6	.0	.2	.1	.1	.0								361	361	692	640
60/ 59	.3	.8	.8	.4	.6	.4	.1	.1	.0									248	248	491	566
58/ 57	.6	.6	.6	.5	.4	.3	.1	.2	.0									199	189	418	441
56/ 55	.1	.4	.6	.5	.3	.3	.1	.0										175	175	301	382
54/ 53	.3	.5	.7	.7	.3	.2	.2		.1									150	150	195	305
52/ 51	.1	.4	.3	.3	.3	.1	.0	.1										88	88	204	278
50/ 49	.1	.3	.3	.3	.1	.1	.0											61	61	164	219
48/ 47	.1	.2	.2	.2	.1	.0												43	43	149	183
46/ 45	.1	.1	.1	.1	.0	.0												27	27	114	187
44/ 43		.1	.1	.1	.0													17	17	92	125
42/ 41	.0	.0	.0	.0	.0													2	2	32	134
40/ 39	.0	.0	.0	.0	.0													8	8	38	81
38/ 37	.0	.0	.0	.0														3	3	12	83
36/ 35																		1	1	7	75
34/ 33																				5	39
32/ 31																					28
30/ 29																					28
28/ 27																					40
26/ 25																					19
24/ 23																					5
Element (X)	Σ X'			Σ X			Σ			No. Obs.			Mean No. of Hours with Temperature			Total					
Rel. Hum.													≥ 80 F			≥ 93 F			Total		
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

PAGE 2

MONTH

ALL

HOURS (L-S, T.)

U. S. GOVERNMENT PRINTING OFFICE: 1974-762-610

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 PATRICK AFB FL/CDCDA BEACH 67-76

APR

MONTH

ALL

PAGE 1

YEARS

STATION NAME

STATION

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95										.0	.0	.0		.0				5	5			
94/ 93									.0	.0	.0							4	4			
92/ 91								.0	.1	.1	.1	.0	.0	.0				16	16			
90/ 89								.0	.1	.1	.1	.0	.0	.0				27	27			
88/ 87								.0	.1	.1	.1	.0	.0	.0				52	52			
86/ 85								.0	.1	.1	.1	.0	.0	.0				36	36			
84/ 83				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				80	80			
82/ 81		.0	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				211	211			
80/ 79		.0	1.1	2.2	1.4	1.4	.6	.2	.2	.0	.0	.0	.0	.0				471	471	4	1	
78/ 77		.3	1.5	2.4	2.3	1.5	1.2	.3	.1	.0	.0	.0	.0	.0				635	635	32	2	
76/ 75	.1	1.8	2.7	3.6	2.7	1.8	1.7	.0	.1	.0	.0	.0	.0	.0				1010	1010	219	83	
74/ 73	.3	2.0	2.7	3.8	2.5	2.4	1.5	.5	.2	.1	.0	.0	.0	.0				1055	1055	587	207	
72/ 71	.3	2.4	3.3	3.3	2.0	2.7	1.2	.5	.2	.0	.0	.0	.0	.0				1103	1104	842	484	
70/ 69	.5	2.0	2.8	2.5	1.8	1.9	.8	.2	.1	.0	.0	.0	.0	.0				850	850	905	702	
68/ 67	.2	1.3	1.7	.7	.9	.5	.5	.2	.1	.0	.0	.0	.0	.0				414	414	952	733	
66/ 65	.3	1.1	.0	.6	.3	.5	.3	.1	.0	.0	.0	.0	.0	.0				295	295	912	800	
64/ 63	.2	.0	.5	.6	.6	.3	.2	.1	.0	.0	.0	.0	.0	.0				186	187	781	774	
62/ 61	.0	.1	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0				67	67	538	622	
60/ 59	.0		.1	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0				42	42	328	462	
58/ 57			.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				15	15	195	437	
56/ 55		.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				21	21	130	390	
54/ 53		.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				23	23	80	253	
52/ 51		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				4	4	47	184	
50/ 49		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				2	2	50	136	
48/ 47																				16	89	
46/ 45																				8	96	
44/ 43																					65	
42/ 41																					29	
40/ 39																					33	
38/ 37																					21	
36/ 35																					10	
34/ 33																					5	
32/ 31																					7	
30/ 29																					1	
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 PATRICK AFB FL/COCOA BEACH

7-76

MAY

STATION

STATION NAME

YEARS

PAGE 1

MONTH

ALL

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Wet Bulb	Dew Point
94/ 93							.0		.0	.0								5	5	
92/ 91								.0	.1	.1								17	17	
90/ 89							.0	.1	.2	.1	.1		.0	.0				31	31	
88/ 87							.0	.3	.3	.1		.0	.0					67	67	
86/ 85				.0	.0	.1	.4	.3	.2	.0								88	88	
84/ 83			.0	.4	1.3	1.1	.6	.2	.1	.1								254	254	
82/ 81		.1	.8	3.7	4.3	2.3	1.1	.4	.1	.1	.0	.0						873	874	3
80/ 79		.1	3.1	5.7	4.9	3.0	1.3	.3	.2	.1		.0						1252	1252	11
78/ 77	.0	.8	3.9	5.4	4.4	1.9	1.0	.1	.1									1192	1192	149
76/ 75	.2	2.8	5.0	5.2	3.3	1.6	.7	.2	.0									1278	1278	756
74/ 73	.2	2.3	2.8	3.2	1.5	1.1	.2	.1	.0									779	779	1519
72/ 71	.2	1.4	2.5	1.7	.6	.4	.2	.0	.1									475	475	1461
70/ 69	.1	.6	2.0	.3	.3	.2	.1	.0										262	262	1125
68/ 67		.2	.6	.1	.0	.0	.0											73	73	818
66/ 65	.0	.4	.2	.1	.1	.0												52	52	507
64/ 63	.0	.1	.0	.1	.1	.0												22	22	202
62/ 61		.0		.0														3	3	90
60/ 59			.0															2	2	43
58/ 57																				32
56/ 55																				6
54/ 53																				1
52/ 51																				39
50/ 49																				49
48/ 47																				27
46/ 45																				4
40/ 39																				8
TOTAL	.8	8.9	21.0	26.3	20.9	12.2	5.8	2.1	1.2	.0	.1	.1	.0					6725	6726	6725

Mean No. of Hours with Temperature

Mean No. of Hours with Temperature

Mean No. of Hours with Temperature

Mean No. of Hours with Temperature

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Mean No. of Hours with Temperature

Mean No. of Hours with Temperature

Mean No. of Hours with Temperature

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCCA BEACH

7-76

JUN
MONTH

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
																					D.B./W.B.			
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dev Point			
94/ 93								.0	.1	.0									11	11				
92/ 91							.1	.2	.3	.1	.0								44	44				
90/ 89						.1	.4	.6	.3	.1									94	94				
88/ 87				.0	.0	.8	1.2	.8	.2	.0									198	198				
86/ 85			.1	1.0	3.5	4.0	1.2	.3	.1										438	438				
84/ 83		.1	1.0	4.9	4.0	4.0	1.2	.1											770	771	1			
82/ 81		.6	3.8	10.4	4.5	4.5	1.0	.0											1321	1321	48			
80/ 79		.0	1.1	8.4	7.4	2.6	.3												1290	1290	390			
78/ 77		.1	2.9	7.7	3.6	.8	.0												986	986	1199			
76/ 75		.6	5.3	5.2	1.9	.1													850	851	1927			
74/ 73		.5	3.1	1.5	.5														363	363	1799			
72/ 71		.2	.8	.6	.0														125	126	854			
70/ 69		.1	.1	.1															19	19	247			
68/ 67																					43			
66/ 65																					310			
64/ 63																					1			
TOTAL		1.9	13.8	28.4	29.8	16.9	6.0	2.0	1.0	.2	.0	.0							6509	6512	6509			
															</									

Mean No. of Hours with Temperature

No. Obs.

°s

X

Z X

Z X'

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dev Point

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

≥ 93 F

Total

372.7

704.0

720.0

593.3

19.2

1.2

720

720

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF FIAC
AIR WEATHER SERVICE/MAC

12867. PATRICK AFB FL/CUCA BEACH

97-76

JUL

YEARS

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HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL			
																		D.B./W.B.						
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	Dry Bulb	Wet Bulb	Dew Point
98/ 97																			1	1		1	1	
96/ 95																			1	1		1	1	
94/ 93											.0	.0	.0	.1	.0				13	13		13	13	
92/ 91										.0	.1	.3	.1	.1	.1				41	41		41	41	
90/ 89										.0	.5	.6	.2	.1					106	106		106	106	
88/ 87					.1	1.4	2.2	2.1	1.1	.1	.0	.0	.0						295	295		295	295	
86/ 85		.0	.3	3.2	6.3	4.7	1.1	.1	.1										837	837		837	837	
84/ 83		.1	3.4	8.7	2.8	1.4	.2	.0											1227	1227		1227	1227	5
82/ 81		.5	7.2	5.5	1.4	.3	.0												1296	1296		1296	1296	2
80/ 79	.0	1.8	1.2	2.5	.3	.0													1362	1362		1362	1362	8
78/ 77	.1	3.9	8.2	5.5	.3	.0													1018	1018		1018	1018	763
76/ 75	.1	3.6	2.3	.5	.0														439	439		439	439	2060
74/ 73	.1	.9	.5	.1															108	108		108	108	1948
72/ 71	.0	.0	.0																6	6		6	6	362
70/ 69			.0																1	1		1	1	62
68/ 67																							7	137
66/ 65																							1	27
64/ 63																								17
62/ 61																								6
TOTAL		.4	10.7	33.2	29.0	17.0	6.5	2.1	.7	.3	.1	.0							6751	6753		6751	6751	6751
																</								

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867 STATION PATRICK AFB FL/CUCUA BEACH

67-70

YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0	.1	.0	.0								1	1		
92/ 91						.0	.6	.3	.1									10	10		
90/ 89					.2	.6	.3	.1										75	75		
88/ 87			.0	.2	2.2	2.9	.6	.0										400	400		
86/ 85		.0	1.0	3.0	6.2	2.4	.3											800	860		
84/ 83		.3	3.9	7.5	5.4	.8	.0											1202	1202	7	
82/ 81		1.7	8.7	7.4	2.0	.4												1346	1346	155	21
80/ 79	.1	3.8	9.8	3.1	.6	.0												1171	1174	1084	333
78/ 77	.2	5.4	5.5	1.6	.3													862	869	2137	1025
76/ 75	.5	5.6	2.3	.4	.0													588	589	1881	2139
74/ 73	.2	1.3	.4	.0														130	133	1089	1801
72/ 71	.1	.2																19	19	256	930
70/ 69	.1	.1	.0															14	14	66	315
68/ 67																				3	105
66/ 65																					8
64/ 63																					1
TOTAL	1.118	.431	.623	.317	7.0	7.2	1.2	.1	.0	.0								6678	6692	6678	6678

Element (X)	Zx				X				No. Obs.				Mean No. of Hours with Temperature						Total	
	43634	210	536380	80.3	9.092	6678	6678	6678	6678	6678	6678	6678	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	43634	210	536380	80.3	9.092	6678	6678	6678	6678	6678	6678	6678								
Dry Bulb	44237	904	543540	81.2	3.674	6692	6692	6692	6692	6692	6692	6692							.1	744
Wet Bulb	39012	816	510186	76.4	2.310	6678	6678	6678	6678	6678	6678	6678								744
TOTAL	1.118	.431	.623	.317	7.0	7.2	1.2	.1	.0	.0									6678	6678

PSYCHROMETRIC SUMMARY

PAGE 1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL				TOTAL			
																			D.B./W.B.				Wet Bulb Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
96/ 95									.0									3	3							
94/ 93									.0									3	3							
92/ 91								.1	.0									15	15							
90/ 89					.1	.3	.2	.2	.0									49	49							
88/ 87				.0	1.0	2.1	.7	.4	.0									322	322							
86/ 85			.2	3.5	5.8	2.6	1.0	.2										867	867							
84/ 83		.0	1.9	7.2	5.8	3.5	1.2	.0										1274	1275	1						
82/ 81		.3	8.0	7.5	5.1	1.8	.4											1494	1494	35	5					
80/ 79	.0	1.3	6.7	5.4	3.0	.9	.2											1172	1172	713	44					
78/ 77	.2	2.3	4.6	2.9	.8	.0												705	706	1771	700					
76/ 75	.1	2.4	3.3	1.1	.2													461	462	1508	1661					
74/ 73	.1	.8	.5	.2	.1													106	107	1516	1359					
72/ 71	.0	.0	.1	.1	.1													27	27	713	1246					
70/ 69	.0		.1															7	7	148	876					
68/ 67																				22	424					
66/ 65																				18	141					
64/ 63																					36					
62/ 61																					7					
TOTAL	.4	7.325	327.823	111.2	3.8	1.0	.1	.0										6505	6509	6505	6505					

Element (X)	2x'	2x	X	%	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	38032897	493051	75.9	9.115	6505	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	43212274	529868	81.4	3.465	6509	720.0	716.2	524.7	.7	720			
Wet Bulb	37058006	490690	75.4	2.598	6505	714.0	620.3	22.6		720			
	3744397	474397	73.9	2.117	6504	699.6	411.8	.9		720			

DATA PROCESSING BRANCH
USAF AFAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/CNCOA BEACH 67-76 YEARS MONTH OCT

PAGE 1 ALL HOURS (L. S. T.)

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
	90/ 89								.0	.0									4	4			
	88/ 87							.1	.0	.1									24	24			
	86/ 85				.2	.6		.3	.3	.1									149	149			
	84/ 83			.2	1.4	1.9		1.0	.6	.1	.0								400	400			
	82/ 81		.1	2.2	5.0	2.8		1.6	.9	.1									1020	1020	1	19	
	80/ 79	.0	.8	4.3	6.0	4.0		3.7	1.7	.4	.0								1399	1399	63	63	
	78/ 77	.0	1.4	4.0	4.0	5.2		2.9	1.0	.3	.1								1280	1281	451	108	
	76/ 75	.7	2.5	2.2	3.2	3.1		2.0	.7	.3	.0	.0							980	985	943	519	
	74/ 73	.3	1.9	2.2	1.5	1.4		1.2	.6	.1	.0								613	632	1260	873	
	72/ 71	.0	1.5	1.9	.6	.7		.4	.4	.1									374	378	1198	890	
	70/ 69	.1	.7	.7	.4	.2		.2	.1	.1									171	176	1110	866	
	68/ 67	.2	.3	.4	.3	.2		.2	.1	.0	.0								104	105	740	901	
	66/ 65	.1	.1	.2	.1	.2		.1	.1	.0									62	62	302	772	
	64/ 63	.0		.2	.2	.1		.1	.1	.0									43	43	217	593	
	62/ 61	.0		.0	.1	.1		.1	.1										25	25	108	412	
	60/ 59				.1	.1		.1	.0										18	18	88	235	
	58/ 57	.1	.0	.0	.0	.1													21	21	53	138	
	56/ 55	.0		.0	.0														4	4	39	111	
	54/ 53			.0	.0														4	4	25	65	
	52/ 51																				29	69	
	50/ 49																				8	34	
	48/ 47																					30	
	46/ 45																					22	
	44/ 43																					17	
	42/ 41																					10	
	40/ 39																					5	
	TOTAL	1.6	9.2	18.7	23.2	22.0	7.7	3.5	.7	.1									6695	6730	6695	6695	

Mean No. of Hours with Temperature

No. Obs.

X

Z X

Z X²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

± 80 F

± 73 F

± 67 F

± 32 F

± 0 F

± 93 F

Total

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

NOV

STATION NAME

PAGE 1

ALL

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point	
86/ 85						.0	.0	.1	.1	.0								17	17	
84/ 83						.3	.2	.1	.0	.0								53	53	
82/ 81			.1	.3	1.0	.7	.2	.2	.0	.0								169	169	
80/ 79		.4	1.0	1.4	1.9	.9	.3	.1	.0	.0								351	351	
78/ 77	.1	.0	1.1	1.6	2.3	1.0	.5	.0	.1									477	477	
76/ 75	.3	1.5	1.3	2.3	2.4	1.7	.6	.0	.0									656	656	
74/ 73	.9	1.8	1.7	3.1	1.6	1.6	.4	.2	.0									738	744	
72/ 71	1.0	1.6	2.0	2.2	2.2	1.6	.5	.3	.0									751	755	
70/ 69	1.3	1.5	2.4	1.9	1.5	1.1	.5	.2	.0	.1								692	695	
68/ 67	.7	2.1	1.6	1.3	1.3	.9	.6	.1	.1	.0								569	569	
66/ 65	.6	1.5	1.1	1.3	.9	.5	.3	.0	.0									409	409	
64/ 63	.4	1.5	1.1	1.4	.8	.5	.2	.1	.0									391	391	
62/ 61	.2	1.0	.8	1.0	.6	.2	.3	.0	.0									265	265	
60/ 59	.1	1.2	.9	.6	.4	.3	.2	.1										252	252	
58/ 57	.1	1.0	.8	.6	.4	.2	.2	.0										219	219	
56/ 55	.0	.7	.6	.4	.6	.2	.1											160	163	
54/ 53		.2	.3	.5	.2	.2	.0											84	84	
52/ 51		.2	.3	.4	.2	.1												77	77	
50/ 49		.1	.3	.3	.2	.0												59	59	
48/ 47			.2	.2	.0													29	29	
46/ 45			.1	.1														16	16	
44/ 43			.1	.1														11	11	
42/ 41			.0	.1	.0													10	10	
40/ 39			.1	.0	.0													7	7	
38/ 37			.1	.1														10	10	
36/ 35			.0															1	1	
34/ 33																				
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
Element (X)	2X'			2X			X			e _x			No. Obs.			Mean No. of Hours with Temperature				
Rel. Hum.																≥ 0 F ≥ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total				
Dry Bulb																				
Wet Bulb																				

Mean No. of Hours with Temperature

± 80 F

± 93 F

± 73 F

± 67 F

± 32 F

± 0 F

No. Obs.

°

Σ x

Σ x²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Total

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

PAGE 2

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 PATRICK AFB FL/COCOA BEACH 67-75

DEC

MONTH

ALL

YEARS

PAGE 1

HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL							
																			D.B./W.B.		Dry Bulb		Wet Bulb		Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31											
86/ 85						.0	.0	.0	.0									4	4									
84/ 83						.0	.1	.0	.0									12	12									
82/ 81						.1	.2	.1	.0									41	41									
80/ 79						.5	.6	.1	.0									151	151	1	1							
78/ 77						.9	.7	.3	.0									200	200	2	1							
76/ 75	.1	1.1	1.3	2.2	1.1	.0	.6	.2	.0									474	474	48	23							
74/ 73	.2	1.7	2.0	2.8	1.3	.7	.5	.0	.0									586	606	209	82							
72/ 71	.5	1.6	2.7	2.9	1.3	1.0	.3	.0	.0									683	704	420	243							
70/ 69	.0	1.9	3.4	2.2	1.4	.7	.2	.0	.1	.0	.0							734	760	559	369							
68/ 67	1.0	1.7	2.5	1.7	1.1	.4	.2	.1	.1		.0							580	606	718	503							
66/ 65	.6	2.2	1.0	1.0	.7	.3	.1	.1	.0									482	499	606	610							
64/ 63	.6	2.0	1.0	1.3	.8	.5	.2	.2	.0									1446	449	647	628							
62/ 61	.4	1.3	1.2	.9	.9	.3	.1	.2	.0									356	356	590	537							
60/ 59	.2	1.3	1.0	.8	.7	.3	.2	.2	.0									304	306	386	430							
58/ 57	.1	1.2	1.0	.8	.8	.2	.3	.1	.0									304	307	313	440							
56/ 55	.2	1.2	1.2	1.1	.6	.4	.1	.1	.0									324	329	294	447							
54/ 53	.1	.9	1.2	1.0	.4	.2	.2	.0										270	270	340	342							
52/ 51	.2	.4	.9	.8	.4	.3	.2	.0										201	201	276	249							
50/ 49	.0	.1	.9	.8	.4	.3												156	156	269	240							
48/ 47		.2	.3	.5	.3	.2												90	99	218	186							
46/ 45	.1	.2	.4	.2	.2	.0												72	72	196	218							
44/ 43		.1	.2	.2	.1													39	39	127	189							
42/ 41		.0	.2	.1	.1													29	29	124	166							
40/ 39	.0	.0	.2	.1	.0													21	21	78	110							
38/ 37			.1	.1														9	9	37	123							
36/ 35			.1	.0														5	5	25	112							
34/ 33			.1															6	6	13	69							
32/ 31																				6	67							
30/ 29																					42							
28/ 27																					69							
26/ 25																					35							
24/ 23																					31							
22/ 21																					8							
20/ 19																					6							
Element (X)	ΣX																		ΣX		ΣX		ΣX		ΣX		ΣX	
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
																		Mean No. of Hours with Temperature		≥ 80 F		≥ 93 F		Total				

PSYCHROMETRIC SUMMARY

0000-0200 (1-S-T)

U. S. GOVERNMENT PRINTING OFFICE-1974 762-610

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/CDCOA BEACH 07-76 YEARS JAN MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75																		2	2			
74/ 73		.1	.4	.6														9	9			
72/ 71	.6	.7	1.5	1.5	.2													39	39	9	6	
70/ 69	3.2	3.9	1.5	.8	.4	.4												56	86	58	33	
68/ 67	2.2	5.1	1.5	1.3	.8	.4												96	96	73	63	
66/ 65	4.1	4.6	2.6	1.6	.5	.1												116	116	102	102	
64/ 63	2.7	3.4	1.7	.6	.2													73	73	78	78	
62/ 61	2.0	4.0	1.5	.8	.1	.1												73	73	87	66	
60/ 59	2.1	3.3	1.7	.9	.2													70	70	89	80	
58/ 57	.4	2.0	1.3	.4														34	34	45	52	
56/ 55	.5	2.0	2.1	.5	.1													44	45	44	53	
54/ 53	.1	1.3	2.5	1.4	.2													47	47	38	41	
52/ 51		1.5	1.8	.6														33	33	38	32	
50/ 49	.2	.8	1.3	.7	.5													30	30	44	50	
48/ 47		1.7	.7	1.4														32	32	29	24	
46/ 45		.6	.5	1.3														20	20	26	34	
44/ 43		.1	.4	.8														11	11	22	32	
42/ 41		.4	.2	.5	.1													10	10	16	11	
40/ 39			.4	.2														5	5	15	14	
38/ 37			.4	.1	.1													5	5	8	11	
36/ 35						.1												1	1	11	11	
34/ 33			.1	.4	.2													6	6	1	14	
32/ 31				.6														5	5	1	12	
30/ 29																				2	7	
28/ 27																				5	5	
26/ 25																				6	2	
20/ 19																					3	
18/ 17																					3	
16/ 15																					2	
12/ 11																					3	
6/ 5																					3	
INITIAL	18.2	35.5	24.2	17.2	3.8	1.1												847	848	847	847	
Element (X)	Zx'	Zx	X̄	%	No. Obs.	Mean No. of Hours with Temperature												TOTAL				
Rel. Hum.	6193595	71549	84.5	13.298	847	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3163794	51274	60.5	8.661	848		.5	25.4	1.2			93										
Wet Bulb	2907161	48969	57.8	9.480	847		1.5	15.4				93										

Mean No. of Hours with Temperature

No. Obs.

°s

X

Zx

Zx'

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

± 93 F

± 80 F

± 73 F

± 67 F

± 32 F

± 0 F

± 25.4

± 1.2

± 25.4

± 1.5

± 15.4

± 847

± 93

± 93

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12807 STATION PATRICK AFB FL/COCOA BEACH 67-70 YEARS JAN MONTH
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81				.1	.2													3	3			
80/ 79			.1	.7	.1	.3												11	11			
78/ 77			.2	1.0	.5	.1												17	17			
76/ 75		.8	1.0	3.2	1.2	.1												57	57	2		
74/ 73	.1	1.2	2.6	3.1	.9	.5												77	77	24	4	
72/ 71	.7	2.1	6.2	1.8	.7	.4	.2											110	110	49	28	
70/ 69	1.6	2.8	2.7	1.2	1.2	1.1	.2											116	116	117	59	
68/ 67	.4	2.5	2.5	1.4	1.3	.8	.1											83	83	114	104	
66/ 65	.7	2.6	2.0	1.3	1.1	.4												74	74	80	110	
64/ 63	1.1	1.9	1.9	1.5	.8	.5												70	70	84	81	
62/ 61	.3	1.6	.5	.8	.8	.3												40	40	75	67	
60/ 59	.3	1.3	1.2	1.2	.4	.3		.1										45	45	52	56	
58/ 57	.1	.7	1.5	1.8	.4	.2	.2											34	34	45	38	
56/ 55		.8	1.3	.9	.4	.1	.2											29	29	45	42	
54/ 53		.7	.9	1.4	.3	.2												25	25	30	41	
52/ 51		.3	1.0	.9	.3	.1	.1											31	31	33	40	
50/ 49		.1	1.0	1.5	.4	.3												11	11	25	31	
48/ 47		.2	.1	.4	.4													16	16	21	23	
46/ 45		.1	.3	.5	.8													4	4	19	26	
44/ 43			.2	.1	.1													2	2	14	17	
42/ 41			.1	.1	.2	.1	.1											4	4	14	17	
40/ 39				.1	.2	.1												4	4	6	10	
38/ 37				.1	.2	.1												3	3	1	10	
36/ 35				.1	.2													3	3	3	10	
34/ 33				.2	.1															3	12	
32/ 31																				5	9	
30/ 29																				2	2	
28/ 27																				1	4	
26/ 25																					1	
24/ 23																					3	
22/ 21																					2	
20/ 19																					5	
16/ 15																					1	
12/ 11																						
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.											≥ 0 F						≥ 80 F		≥ 93 F		Total	
Dry Bulb											≥ 67 F						≥ 73 F					

Element (X)		Z X		X		No. Obs.		Mean No. of Hours with Temperature					Total	
Rel. Hum.								≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb														
Wet Bulb														

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12887
STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

JAN
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE : 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
84/ 83						.2	.2	.3										7	7							
82/ 81		.1		.1	.9	1.9	1.3	.3										42	42							
80/ 79			.2	1.1	.8	1.1	.7	.1		.1								37	37	1	1					
78/ 77			.2	1.9	3.2	1.1	.2			.2								62	62							
76/ 75		1.0	1.5	5.2	2.7	1.2		.3	.2									111	111	3	3					
74/ 73	.1	.7	2.4	5.2	1.5	1.0	.5	.3										107	107	42	42					
72/ 71		.5	3.6	2.6	1.9	2.0	.7	.1										104	104	81	18					
70/ 69	.3	.4	2.0	3.1	2.3	1.4	.7	.1		.1								95	95	138	67					
68/ 67		.7	1.4	.8	1.2	1.4	.8	.2		.1								60	60	119	112					
66/ 65	.1	.4	.8	1.4	1.2	2.0	.1											55	55	74	116					
64/ 63		.5	.7	.5	.9	.9	.1	.2	.3									38	38	60	87					
62/ 61		.7	.9	1.1	1.1	.8	.1	.3	.3									48	48	73	70					
60/ 59		.7	1.0	1.0	.9	.7	.1	.3	.1	.1								38	38	58	47					
58/ 57		.4	.2	.5	.5	.5	.2	.3										28	28	49	49					
56/ 55		.1	.4	.5	.5	.4			.1									20	20	53	57					
54/ 53		.1	.1	.7	.9	.2												18	18	34	41					
52/ 51			.3	.4	.8	.5	.1											20	20	17	40					
50/ 49				.2	.2	.1												5	5	24	39					
48/ 47				.1	.3	.2												3	3	26	26					
46/ 45																		3	3	23	21					
44/ 43				.1	.1	.2	.1											5	5	13	18					
42/ 41				.1	.1	.2	.2											4	4	6	13					
40/ 39					.2													2	2	3	13					
38/ 37																				5	22					
36/ 35																				2	8					
34/ 33																				4	12					
32/ 31																				3	9					
30/ 29																				1	4					
28/ 27																					6					
26/ 25																					1					
24/ 23																					5					
22/ 21																					1					
20/ 19																					2					
18/ 17																					2					
Element (X)	Zx																	No. Obs.		Mean No. of Hours with Temperature						Total
Ref. Hum.																		✓		≥ 73 F ≥ 67 F ≥ 32 F ≥ 0 F ≥ 80 F ≥ 93 F						Total
Dry Bulb																										
Wet Bulb																										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

67-70

YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85							.1	.1	.1									3	3					
84/ 83							.4	.2	.1									7	7					
82/ 81						.7	1.0	.7										34	34					
80/ 79				.1	.9	.3	.9	.3	.1	.1								32	32					
78/ 77			.1	1.3	1.4	.4	.2	.2	.2	.3								39	39					
76/ 75		.8	2.0	4.7	1.2	.7	.1	.1	.2	.2								86	88	1				
74/ 73		1.8	3.0	4.6	1.5	.4	.2	.1	.1									106	106	29	5			
72/ 71	.3	1.0	3.4	2.0	2.2	1.4	.4	.2	.4	.2								101	101	79	28			
70/ 69		1.0	3.4	2.9	2.6	1.5	.4	.2	.4	.2	.2							116	116	135	52			
68/ 67	.3	1.4	1.6	2.2	1.4	1.8	.4	.1										85	85	104	97			
66/ 65		1.0	1.5	1.6	2.2	1.1	.1	.2	.2	.8	.2							71	71	90	113			
64/ 63		.8	.5	.4	1.8	.7	.1	.3	.2	.3								53	53	65	91			
62/ 61		.1	.2	1.0	.5	.4	.2	.1		.3								27	27	81	67			
60/ 59		.3	1.0	1.4	1.0	.7	.4											44	44	57	56			
58/ 57		.5	1.0	.5	.4	.4												27	27	48	46			
56/ 55		.1	.2	.7	.4	1.0												22	22	55	54			
54/ 53		.1	.7	.5	.9	.3	.1											24	24	34	43			
52/ 51		.2	.1	.1	.3	.1	.1											9	9	26	46			
50/ 49				.2	.2	.4												8	8	28	42			
48/ 47					.2	.2												2	2	28	32			
46/ 45				.2	.2	.1	.3											8	8	19	22			
44/ 43					.2	.2	.2											4	4	9	14			
42/ 41							.1											1	1	7	15			
40/ 39																				5	7			
38/ 37																				2	19			
36/ 35																				5	15			
34/ 33																				1	10			
32/ 31																				3	3			
30/ 29																					10			
28/ 27																					4			
26/ 25																					6			
24/ 23																					5			
22/ 21																					2			
18/ 17																					1			
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
Mean No. of Hours with Temperature																		Total						
≤ 0 F																		≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2867	PATRICK AFB FL/COCOA BEACH	67-76	PAGE 2	1500-1700	JAN
STATION	STATION NAME	YEARS		MONTH	HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH 07-75 YEARS PAGE 1 1800-2000 MONTH JAN HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/ 79			.2	.1	.1	.3												7	7			
78/ 77			.3	.2	.1	.1												7	7			
76/ 75		1.3	.9	.8	.6	.1												33	33	2	1	
74/ 73		2.5	3.4	3.2	.4													88	88	16	9	
72/ 71	.6	3.1	6.3	3.0	1.3			.1										130	130	50	24	
70/ 69	.1	2.2	5.9	2.1	1.3	.6	.1											113	113	94	54	
68/ 67	.6	1.4	3.5	2.8	2.3	.6	.2											103	103	112	81	
66/ 65	.4	2.0	2.5	1.9	.7	1.0	.2											79	79	103	95	
64/ 63	.2	3.1	2.0	2.0	1.1	.3	.1											80	80	75	114	
62/ 61		1.7	.8	2.4	1.1	.4			.1									59	59	96	58	
60/ 59		.3	1.0	1.5	.6	.2	.1	.2	.2									38	38	57	76	
58/ 57		.6	2.0	1.4	.7	.3	.1	.1	.1									47	47	49	52	
56/ 55		.9	.6	.8	.9	.6	.3	.1										37	37	55	37	
54/ 53		.2	.6	.7	.6	.4												22	22	51	44	
52/ 51		.2	.4	.7	.9	.1												21	21	21	56	
50/ 49		.7	.2	.8	.1													16	16	30	34	
48/ 47				.6	.4	.1												10	10	30	29	
46/ 45			.1	.3	.3													4	4	21	27	
44/ 43			.1	.3		.3												7	7	18	21	
42/ 41			.2	.1	.1	.1												4	4	6	17	
40/ 39				.2	.1	.1												3	3	13	7	
38/ 37					.1													1	1	1	18	
36/ 35																					14	
34/ 33																				6	10	
32/ 31																				1	11	
30/ 29																				2	5	
28/ 27																					1	
26/ 25																					5	
24/ 23																					2	
22/ 21																					1	
18/ 17																					1	
16/ 15																					1	
14/ 13																					1	
12/ 11																					1	
Element (X)	Z _x ¹				Z _x	X		e _x		No. Obs.	Mean No. of Hours with Temper. store						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PATRICK AFB FL/CDCOA BEACH

12807

307 STATION

1

STATION NAME 1-CCCA

YEARS

PAGE 2

1300-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb Dew Point
80/ 79					.1														1	1	
78/ 77						.2													2	2	
76/ 75		.8	.4		.1														13	13	9
74/ 73		.1	2.3	2.2	1.2	.2													55	55	4
72/ 71		.6	3.1	6.0	2.4		.1												110	110	42
70/ 69		1.0	3.9	5.5	3.9	1.2	.4												147	147	80
68/ 67		.8	3.2	3.1	1.7	1.3	.1												92	92	74
66/ 65		1.0	2.3	2.9	1.4	1.3	.2												84	84	99
64/ 63		.2	2.1	1.7	2.2	.7	.1												63	63	89
62/ 61		.3	3.3	2.6	1.2	.4	.2												74	74	64
60/ 59		.1	1.1	2.2	.7	.9	.1												46	46	76
58/ 57		.2	1.1	1.7	.9	.6	.1												48	48	60
56/ 55		.9	1.8	1.5	.4	.4	.4												47	47	59
54/ 53		.7	.9	1.2	.3	.2	.2												32	32	39
52/ 51		.1	1.5	.9	.9	.3	.2												33	33	32
50/ 49		.6	.6	.9															21	21	31
48/ 47		.2	.4	.2		.1													8	8	36
46/ 45		.1	.1	.2															5	5	19
44/ 43			.7	.4	.1														11	11	24
42/ 41			.1	.4	.2	.1													8	8	5
40/ 39				.2															2	2	3
38/ 37				.1	.1	.1													1	1	11
36/ 35				.1	.1														2	2	12
34/ 33																			1	1	6
32/ 31																					11
30/ 29																					6
28/ 27																					1
26/ 25																					7
18/ 17																					2
16/ 15																					4
14/ 13																					5
TOTAL		4.126	734.322	.2	9.5	2.8	.4												906	906	906

Mean No. of Hours with Temperature

Element (X)	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²	Σ x	Σ x ²
Rel. Hum.	5863449	71965	79.4	12.752	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906
Dry Bulb	3742746	57794	63.8	7.870	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906
Wet Bulb	3329462	54362	69.0	8.644	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906

DATA PROCESSING BRANCH
USAF AFAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION NAME PATRICK AFB FL/COCOA BEACH

07-74, 76

FEB

PAGE 1 0000-0200
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL					
																		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
74/ 73		.8															5	20	15	1					
72/ 71	.2	1.5	1.2	.2													41	41	11	18					
70/ 69	.5	1.1	3.0	.5	.6												55	55	17	11					
68/ 67	.2	2.3	3.5	1.5	.5	.5											55	55	59	25					
66/ 65	.9	2.9	2.4	.6	1.2	.3											63	63	49	69					
64/ 63	1.4	4.2	2.0	1.4	.6												46	46	53	44					
62/ 61	.5	2.0	2.7	1.2	.5	.2											46	46	47	33					
60/ 59	.5	2.4	3.0	.5	.3	.3											61	61	49	39					
58/ 57	.3	3.2	2.3	2.4	.3	.3											77	77	65	56					
56/ 55	.3	6.5	2.1	1.5	.9	.3											60	60	82	60					
54/ 53	.3	2.1	2.4	2.4	1.4	.5											31	31	44	52					
52/ 51		1.4	1.8	1.1	.5												34	34	34	35					
50/ 49		1.2	1.8	1.1	.8	.3											31	31	43	29					
48/ 47		.9	2.3	.9	.6												25	25	43	33					
46/ 45		.3	1.5	1.4	.2	.5											8	8	25	24					
44/ 43		.3	.8		.2												1	1	26	38					
42/ 41			.2														6	6	1	27					
40/ 39																									
38/ 37			.5	.3	.2																				
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
22/ 21																									
20/ 19																									
16/ 15																									
TOTAL	5.382	8.33	8.16	7.8	8.4	3.0											66	665	665	665					
Element (X)		Zx ²	Zx	X̄	σ _x					No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.		4323014	52894	79.513	208					665	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				Total					
Dry Bulb		2330743	39045	58.7	7.589					665				15.3						84					
		2073873	16725	55.2	6.297					665				3.4						86					

Mean No. of Hours with Temperature

No. Obs.

Mean No. of Hours with Temperature

No. Obs.

Mean No. of Hours with Temperature

No. Obs.

Mean No. of Hours with Temperature

No. Obs.

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867 STATION PATRICK AFB FL/COCOA BEACH 7-74, 76 YEARS PAGE 1 0300-0500 FLEB MONTH HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.7	.3															7	7	17	4
72/ 71			1.3	.9		.1	.1												17	17	14	
70/ 69	.1	.1	2.4	.1	.1	.6	.1												24	24	5	11
68/ 67	.4	3.0	2.5	.1	.3	.1	.1												44	44	25	13
66/ 65	1.2	4.2	1.6	1.2	.7	.7													60	60	47	38
64/ 63	1.8	5.2	2.1	.7	.3														68	68	55	59
62/ 61	1.0	3.3	1.5	1.0	.6	.4													53	53	49	48
60/ 59	.6	1.9	2.4	.6	.9	.9													43	43	55	33
58/ 57	.4	3.4	2.4	1.3															51	51	39	34
56/ 55	.3	5.8	3.0	.6															65	65	52	46
54/ 53	1.5	2.5	2.8	.9	.3	.3													54	54	75	69
52/ 51	.1	2.2	1.3	1.8	.7	.7	.3												44	44	50	51
50/ 49		.7	1.8	1.9	.3	.3	.3												34	34	33	32
48/ 47		1.9	2.2	.4	.7	.7	.7												36	36	22	35
46/ 45		1.8	2.5	1.0	.3	.6	.6												42	42	42	35
44/ 43		.1	.6	.9	.1	.1	.1												12	12	44	19
42/ 41		.7			.1	.1													6	6	20	29
40/ 39			.1	.3															3	3	21	34
38/ 37			.4		.4	.3													3	3	7	23
36/ 35																			5	5	9	12
34/ 33																					2	4
32/ 31																					1	11
30/ 29																					3	10
28/ 27																					1	8
26/ 25																						2
24/ 23																						2
22/ 21																						4
20/ 19																						2
18/ 17																						1
16/ 15																						1
14/ 13																						1
INITIAL		7.639	2.21	0.13	6.6	2.1													671	671	671	671
Element (X)		Zx ²	Zx	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.		4590494	54748	81.613	578	671	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb		2266429	38619	57.6	8.079	671				11.5	.9		84									
Wet Bulb		2045209	36567	54.5	8.847	671			.6	9.5			84									
Dew Point		1872698	34684	51.710	919	671			5.3	3.5			84									

Element (X)	Zx'		Zx		No. Obs.		Mean No. of Hours with Temperature										Total	
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	z	x	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Rel. Hum.	4590494	54748	81.613	578	671	671											84	
Dry Bulb	2266429	38619	57.6	8.079	671	671											84	
Wet Bulb	2045209	36567	54.5	8.847	671	671											84	
Dew Point	1872698	34684	51.710	9.219	671	671											84	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/IIAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH 67-76 YEARS MONTH FEB
PAGE 1 0600-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		D.B./W.B.	MEAN NO. OF HOURS WITH TEMPERATURE												TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31															
74/ 73		.3	.1															3	30	13	5											
72/ 71	.6	1.7	1.5															49	49	28	14											
70/ 69	.6	2.4	1.5	.5	.6													47	47	32	30											
68/ 67	.4	1.8	2.7	.5	.6													59	59	38	31											
66/ 65	.8	3.3	1.3	1.7	.3	.3	.1											86	86	68	59											
64/ 63	1.9	5.1	2.9	.5	.4													66	66	63	61											
62/ 61	.8	4.9	1.2	.9	.6	.1												56	56	76	44											
60/ 59	.4	3.1	2.1	1.4	.3													56	56	46	61											
58/ 57	.3	3.8	2.1	.9	.1	.1												67	67	61	62											
56/ 55	.8	4.1	2.3	1.2	.3	.1												53	53	65	43											
54/ 53	.3	2.4	2.4	1.3	.3	.1												49	49	55	58											
52/ 51	.5	1.4	2.3	2.1	.5													39	39	31	36											
50/ 49		1.3	1.9	1.3	.5													48	48	40	48											
48/ 47		1.7	2.1	1.8	.6													26	26	51	33											
46/ 45		.8	2.2	.5	.3	.1												15	15	40	27											
44/ 43		.4	.6	.5	.3	.1												11	11	27	37											
42/ 41		.4	.4	.1	.3													11	11	12	35											
40/ 39			.8	.6														4	4	7	23											
38/ 37			.3	.3														1	1	13	15											
36/ 35			.1	.1	.4													4	4	7	6											
34/ 33																				2	9											
32/ 31																				2	11											
30/ 29																				3	5											
28/ 27																					3	7										
26/ 25																					3	3										
24/ 23																					3	3										
22/ 21																					3	3										
20/ 19																					3	3										
14/ 13																					3	3										
TOTAL	7.336	630.816	0	5.6	1.3	.1												780	780	780	780											

Element (X)	Z _X	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
Rel. Hum.	5327171	81.013	1.15	750	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total	84
Dry Bulb	2677682	58.0	8.361	750			13.9	0.3			84
Wet Bulb	2416332	54.9	9.084	750			7.9				84

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867 STATION
PATRICK AFB FL/COLLA BEACH
67-76
YEARS
FEB
MONTH
PAGE 1 0900-1100
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
82/ 81				.1	.4													4	4	
80/ 79			.2	.5														8	8	
78/ 77			.2	.6	.7													13	13	
76/ 75		.5	.8	.8	1.2	.5												31	32	4
74/ 73	.2	.8	1.2	2.5	1.0	.6	.5											57	57	15
72/ 71	.1	.8	2.4	3.0	.8	.8	.5											71	71	25
70/ 69	.4	.8	3.2	1.6	1.3	.2	.4											66	66	42
68/ 67	.2	1.4	2.5	1.9	1.6	1.0	.4											75	75	35
66/ 65	.1	1.0	2.0	2.6	2.0	1.6	.1		.1									80	80	75
64/ 63	.1	2.3	1.7	2.2	1.9	1.0	.4	.1										80	80	57
62/ 61	.7	1.6	1.2	1.6	1.9	1.3	.1	.1										71	71	78
60/ 59	.2	.6	1.0	1.3	.5	.1	.4	.1										35	35	69
58/ 57		1.1	1.4	2.3	1.1	.8	.4	.1										60	60	57
56/ 55		.7	.8	1.7	1.0	.5	.4											42	42	72
54/ 53		.2	1.0	1.2	1.0	.6	.2											35	35	41
52/ 51		.2	.5	1.9	.7	.1		.1										31	31	49
50/ 49		.1	1.0	.8	1.0													24	24	30
48/ 47			.5	.7	.2	.1	.1											14	14	42
46/ 45			.4	.1	.6	.2	.1											12	12	37
44/ 43			.4	.5		.2												9	9	25
42/ 41			.2	.4	.2	.1												6	8	16
40/ 39			.2															2	2	3
38/ 37					.1													1	1	11
36/ 35					.1													1	1	10
34/ 33																				3
32/ 31																				1
30/ 29																				2
28/ 27																				10
26/ 25																				11
24/ 23																				2
22/ 21																				1
20/ 19																				2
18/ 17																				4
16/ 15																				5
Element (X)	Mean No. of Hours with Temperature																Total			
Rel. Hum.	≤ 0 F																≥ 80 F			
Dry Bulb	≤ 0 F																≥ 93 F			
Wet Bulb	Mean No. of Hours with Temperature																Total			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867
STATION

PATRICK AFB FL/COCOA BEACH

91-70

STATION NAME

YEARS

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MONTH

PAGE 2 0900-1100

HOURS (L. S. T.):

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

[illegible]

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COCOA BEACH 87-76 YEARS MONTH FEB
PAGE 1 1200-1400 HOURS (L. S. T.)

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb Dew Point
	88/ 87										.1								1	1	
	86/ 85									.1									4	4	
	84/ 83									.1									2	2	
	82/ 81				1.0	.1	.1	.6		.1									16	16	
	80/ 79		.1	.4	.5	.7	1.0	1.0	.6										35	35	
	78/ 77		.1	.1	1.3	.8	.8	1.1	.4		.1								40	40	1
	76/ 75		.5	.5	1.7	2.2	1.0	.8	.4	.2									60	60	14
	74/ 73		.7	.8	3.8	1.2	1.4	.7	.2	.1									76	76	12
	72/ 71		.1	1.1	2.9	2.9	1.2	.2	.2										72	72	39
	70/ 69		.8	1.9	.4	3.7	2.6	.8	.5										90	90	49
	68/ 67	.1	.5	1.4	1.0	2.0	2.5	1.0	.7	.2									79	79	97
	66/ 65	.1	.6	.5	1.8	1.2	2.4	1.3	.4	.4									72	72	74
	64/ 63	.4	1.3	.5	1.7	2.4	2.4	1.0	1.0	.5									92	92	63
	62/ 61		.4	.5	.8	1.4	1.0	.8	1.2	.5									55	55	65
	60/ 59		.4	.5	.1	1.3	1.2	.4	1.0	.2									42	42	68
	58/ 57		.4	.2	.8	.4	.7	.7	.1	.1									26	26	67
	56/ 55		.1		.4	.5	.7	.4	.4	.4									23	23	65
	54/ 53				.1	1.1		.4	.1	.1									15	15	46
	52/ 51				.2	.5	.2	.1	.1										10	10	39
	50/ 49			.1	.2	.6	.1	.1											10	10	29
	48/ 47				.2	.2	.1	.1											4	4	32
	46/ 45					.1	.5												7	7	30
	44/ 43			.2															4	4	12
	42/ 41			.4																	15
	40/ 39																		10	10	21
	38/ 37																		5	5	26
	36/ 35																		2	2	19
	34/ 33																		1	1	17
	32/ 31																				16
	30/ 29																				10
	28/ 27																				6
	26/ 25																				5
	24/ 23																				4
	22/ 21																				4
Element (X)		Σ X ²	Σ X		X̄		s ²		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

12867	PATRICK AFB FL/COCOA BEACH
STATION	STATION NAME

02-60

MONTH FEB

WEAVERS

STATION NAME

PAGE 2 1200-1400
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE-1974 762-610

[illegible]

[illegible]

PSYCHROMETRIC SUMMARY

92-76

22
23
24

STATION STATION NAME

YEARS

PAGE 2

MONTH

1500-1700
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)

[illegible]

DATA PROCESSING BRANCH
USAF E1AC
AIR WEATHER SERVICE/MAC

97-70

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.2	.2	.1		.1										6			
78/ 77			.4	.2	.2	.1		.1										7			
76/ 75		.8	.4	.6	.7	.5		.1										26	26		
74/ 73		.8	1.3	2.5	.6	.6												49	49	13	
72/ 71	.1	1.8	3.1	2.2	.4	.4		.1										68	68	20	15
70/ 69	.1	1.0	5.0	3.1	1.3	.4		.6	.1									97	97	39	30
68/ 67	.6	1.3	3.1	1.6	2.4	1.1		.4										90	90	76	29
66/ 65	.1	1.3	2.3	2.3	1.9	.7		.4	.2									77	77	86	58
64/ 63	.1	2.4	1.4	2.9	1.6	.2		.2										76	76	68	88
62/ 61		1.1	2.0	2.0	1.0	1.5		.7										68	68	67	65
60/ 59	.4	1.8	1.8	1.8	.7	1.1		1.1	.1									73	73	60	51
58/ 57		.5	1.6	1.7	1.8	.5		.1										63	63	89	49
56/ 55		.7	1.7	1.2	.5	.8		.5	.1	.1								47	47	55	62
54/ 53		.2	.7	.6	1.3	.6		.1										30	30	58	58
52/ 51		.5	.1	1.2	.8	.1		.5										26	26	43	48
50/ 49			.2	.1	.1	.1												5	5	48	47
48/ 47			.2	.2	.2	.2												8	8	29	30
46/ 45			.7	.5		.1												11	11	37	37
44/ 43			.2		.1	.1												4	4	13	20
42/ 41																				18	27
40/ 39			.2															2	2	9	20
38/ 37			.1															1	1	1	31
36/ 35																				4	26
34/ 33																				1	14
32/ 31																					9
30/ 29																					6
28/ 27																					7
26/ 25																					3
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	1.4	14.3	26.7	24.7	15.9	10.0	5.3	1.6	.1									834	834	834	834
Element (X)	2X'	2X	X	X	No. Obs.	Mean No. of Hours with Temperature												TOTAL			
Rel. Hum.	4432520	59470	71.3	15.178	834	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3447469	53275	63.9	7.294	834			34.5	8.9	.1		84									
Wet Bulb	2208023	48695	58.4	8.181	834				14.9	1.3		84									

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 12867 PATRICK AFB FL/NOCOA BEACH 67-70
STATION NAME YEARS
PAGE 1 MONTH FEB
HOURS (L. S. T.) 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.7	.6	.4														14	14		
74/ 73		.4	.2	1.0	.5	.4												20	20	6	
72/ 71	.2	1.7	3.5	1.4	.1													58	58	15	9
70/ 69	.1	1.3	4.6	1.1	.7	.1												66	66	23	20
68/ 67	.4	2.2	4.7	1.6	1.6	1.0	.2											96	96	58	27
66/ 65	.5	2.5	1.7	1.6	1.9	.1	.1											70	70	91	55
64/ 63	.8	4.1	1.9	3.1	1.3	.5	.1											94	94	72	95
62/ 61	.2	1.3	3.3	1.2	.7	.1												61	61	61	61
60/ 59		2.4	1.7	1.3	.8	.1	.2											55	55	59	46
58/ 57	.1	5.1	2.5	2.2	1.7	.2	.1											83	83	96	42
55/ 55		1.6	1.6	2.3	1.3	1.2												66	66	56	78
54/ 53		.7	1.1	1.6	1.3	.2	.5											45	45	55	64
52/ 51		1.0	.7	1.3	1.3	.4	.1											40	40	49	63
50/ 49			.8	1.2	.4	.1												21	21	49	38
48/ 47			.6	.2	.2	.1	.1											11	11	34	24
46/ 45		.1	.7	.5	.4													14	14	35	42
44/ 43			1.0			.2												8	8	32	21
42/ 41																		2	2	14	29
40/ 39					.1													1	1	16	27
38/ 37			.4															3	3	1	20
36/ 35																				1	27
34/ 33																				3	16
32/ 31																				2	3
30/ 29																					6
28/ 27																					9
26/ 25																					2
22/ 21																					1
18/ 17																					2
16/ 15																					1
TOTAL	2.423.231.622.014.5	4.7	1.3	.2														828	828	828	828
Element (X)	Zx'	Zx	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄	X̄
Rel. Hum.	4929414	62846	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881	75.913.881
	4190363	51031	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412	61.67.412
																	</				

Element (X)	Zx'	Zx	X	°a	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4929414	62846	75.913.881		828							828
D. Bulb	3190563	31031	61.617.412		828							828

PSYCHROMETRIC SUMMARY

STATION
72887

PATRICK AFB FL/COCOA BEACH
STATION NAME

4,7-74

YEARS

44R

PAGE 1 0000-0200
HOURS (L. S. Y.)

U. S. GOVERNMENT PRINTING OFFICE-1974 762-610

[illegible]

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867 STATION NAME: PATRICK AFB FL/COCOA BEACH YEARS: 67-73 MONTH: MAR
PAGE 1 0300-0500 HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.3														2	2		
76/ 75				.1														1	1		
74/ 73		1.2	.3															11	11	2	1
72/ 71	.6	4.6	1.9	.1	.3													57	57	30	16
70/ 69	1.4	4.9	4.2	.5	.5													85	85	53	56
68/ 67	1.4	4.6	3.8	.3	1.2	.1												84	84	66	45
66/ 65	2.6	5.3	3.8	.3	.5	.5												96	96	96	77
64/ 63	3.2	7.7	3.5	2.6	1.9	.5	.1	.3										152	152	94	113
62/ 61	1.4	3.5	1.6	.8	.4	.3	.3											61	61	84	70
60/ 59	.8	3.1	.9	.3														38	38	68	63
58/ 57	.3	1.5	1.2	.3	.1	.3	.1											27	27	58	42
56/ 55	.8	1.1	1.5	.5	.1	.3	.4											30	30	49	52
54/ 53		.6	1.3	1.1	.3	.3	.4											32	32	21	33
52/ 51		.5	.8	.4	.4	.1	.1											18	18	21	30
50/ 49			.8	.7	.1													11	11	21	28
48/ 47		.4	.9	.7	.1													16	16	19	13
46/ 45		.5	.3	.5	.1													11	11	22	17
44/ 43			.4															3	3	17	18
42/ 41				.1														1	1	7	18
40/ 39		.1	.1	.1														3	3	6	9
38/ 37		.1																1	1	3	8
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
TOTAL	13.2	40.0	28.0	9.3	5.9	2.2	1.1	.3										740	740	740	740

Element (X)	Σ X ²	Σ X	X̄	s _x ²	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	5420885	62565	84.513323	740	740	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total
Dry Bulb	2977528	46676	63.16724	740	740			30.2	1.8		92
Wet Bulb	2729832	44586	60.37669	740	740			19.0	1.8		92

Element (X)	Σ X		Σ X ²	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature				Total
	Σ X	Σ X ²					≥ 32 F	≥ 30 F	≥ 28 F	≥ 26 F	
Rel. Hum.	5420885	62565	84.5	13.323	740						
Dry Bulb	2977528	46676	63.1	6.724	740						
Wet Bulb	2729832	44586	60.3	7.662	740						
TOTAL	11128245	153827	207.9	27.709	2220						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76
STATION NAME
PAGES 1 0600-0800
MAR MONTH
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

J Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point	
80/ 79			.3															3	3			
76/ 75			.3															3	3			
74/ 73		1.1	1.2	1.0	.1	.1												32	2	3		
72/ 71	1.0	4.8	3.2	1.5	.2	.3												99	37	23		
70/ 69	1.0	4.7	4.5	.8	1.0	1.0	.1											117	71	65		
68/ 67	1.1	2.9	4.0	1.3	1.0	.1	.1											95	108	62		
66/ 65	1.8	4.6	2.7	1.1	.8	.2												100	94	89		
64/ 63	2.9	6.3	3.0	2.2	.9	.6	.1											148	102	126		
62/ 61	1.7	3.2	1.7	.6	.1	.4												69	106	78		
60/ 59	.8	2.3	2.7	.7	.3	.2												63	97	76		
58/ 57	.1	1.8	1.0	.3	.1	.3	.1											34	65	69		
56/ 55	.2	1.6	.7	1.1	.2	.1	.1											35	58	62		
54/ 53		.2	.3	1.0	.2	.1	.2											19	25	53		
52/ 51		.3	.9	.8	.2	.2	.1	.2										20	13	37		
50/ 49		.3	.6	1.0	.1	.2												20	24	19		
48/ 47		.3	.8	.2	.1	.1												14	14	14		
46/ 45		.1	.1	.7	.1													9	9	15		
44/ 43			.4	.6														9	20	23		
42/ 41				.2															4	20		
40/ 39		.1																3	17	13		
38/ 37		.1		.1														2	3	9		
36/ 35		.1																1	1	10		
34/ 33																			4	9		
32/ 31																				11		
30/ 29																				2		
28/ 27																				3		
26/ 25																				3		
22/ 21																				1		
TOTAL	10.6	35.0	29.1	15.2	5.4	4.1	.7											895	895	895		
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature												≥ 80 F	≥ 73 F	≥ 67 F	≥ 62 F	Total
Ref. Hum.	6311973	74217	82.9	13.2	77													895	895	895	895	895
Dry Bulb	3682083	57057	63.8	7.0	67													895	895	895	895	895
Wet Bulb	3340355	54229	60.6	7.8	12													895	895	895	895	895
	3112025	52080	58.2	8.9	67													895	895	895	895	895

Element (X)	Mean No. of Hours with Temperature						No. Obs.	Mean No. of Hours with Temperature				Total
	Z _X	X	s _X	Z _F	F	s _F		Z _F	F	s _F		
Rel. Hum.	6311973	74217	82.9	13.277	895							
Dry Bulb	3682083	57057	63.8	7.067	895							93
Wet Bulb	3340355	54229	60.6	7.812	895							93
TOTAL	3112025	52039	60.3	8.067	895							93

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

STATION 12867 PATRICK AFB FL/COCOA BEACH 07-76
STATION NAME YEARS MONTH 4AR
PAGE 1 0900-1100 HOURS (L. S. T.)

T _{air} (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
85							.1											1	1		
84						.1	.5											10	10		
83						.9	.7											17	17		
82							.3											33	33		
81							.5											52	52		
80			.3	1.2	1.2	.3	.4		.1									104	104	6	1
79			1.1	1.7	2.0	.3	.4		.1									115	115	55	8
78		.8	2.5	3.8	2.6	.9	.3		.1									134	134	94	50
77		2.0	2.2	2.8	1.4	1.7	1.1	.7										103	103	101	76
76		1.1	3.6	3.9	2.2	2.2	1.3	.2										90	90	104	87
75	.1	1.6	2.0	2.6	1.8	2.0	.7	.2	.1	.1								73	73	90	101
74	.7	.5	2.2	3.8	1.4	.8	.3	.1										52	52	101	90
73	1.1	1.2	1.4	1.6	1.3	.9	.4											30	30	107	59
72	.1	.8	1.2	1.0	1.0	1.2		.4										22	22	61	70
71	.1	.3	.2	.8	.9	.3	.3	.2	.1									24	24	38	69
70	.1	.1	.4	.4	.5	.4	.2	.2										14	14	35	60
69	.2	.3	.3	.5	.9	.4	.2	.2										11	11	25	37
68		.1	.1	.2	.5	.4												16	16	14	34
67		.1	.4	.1	.5	.4	.2											6	6	23	28
66		.1	.1	.1	.3	.3												7	7	19	21
65				.4	.5	.1												3	3	15	29
64					.1	.1	.1											2	2	9	15
63																		1	1	6	13
62																				2	10
61																				1	7
60																					1
59																					6
58																					9
57																					4
56																					2
55																					1
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DATA PROCESSING BRANCH
USAF LIAISON
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
12807	PATRICK AFB FL/COCOA BEACH

MAR
MONTH

PAGE 2

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH 47-76 MAR MONTH 1200-1400 HOURS (L. S. T.)
PAGE 1 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.4								4	4		
88/ 87								.3	.1	.9	.2							14	14		
86/ 85								.3	.1	.3	.4	.1						12	12		
84/ 83								.2	.5	.6								15	15		
82/ 81				.3	1.0	.9	1.7	.6	1.0	.2								53	53		
80/ 79			.3	1.4	.6	.8	.2	.6	.2	.1								40	40		
78/ 77			1.6	2.9	3.9	.8	.2	.5	.2	.2								96	96	1	
76/ 75		.3	3.6	2.8	3.5	1.3	1.4	.5	.5	.1								130	130	14	1
74/ 73		.6	2.2	3.1	2.3	1.3	1.9	.8	.1	.1								120	120	67	7
72/ 71		.5	1.4	2.2	2.9	1.9	1.1	.5	.2		.2							102	102	117	54
70/ 69	.3	.5	1.9	3.4	2.5	1.6	1.4	.8	.2	.1								115	115	101	83
68/ 67	.2	.4	1.4	2.1	1.8	1.0	.6	.3	.2	.2								76	76	106	68
66/ 65	.1	.2	.1	.3	.1	1.5	.1	.3	.2	.2								30	30	94	107
64/ 63	.1	.4	.1	.2	.5	.8	.9	.0	.1	.2								38	38	110	96
62/ 61	.2	.4		.5	.1	1.1	.6		.1									29	29	94	74
60/ 59					1.0	.8	.2		.1									19	19	47	70
58/ 57					.1	.2	.1	.4	.3									11	11	35	69
56/ 55				.2		.3	.3	.1		.3								9	9	35	52
54/ 53				.2		.4	.3											9	9	13	31
52/ 51																		2	2	35	34
50/ 49							.2													20	34
48/ 47																				8	24
46/ 45						.1												1	1	9	23
44/ 43																				12	13
42/ 41																				4	19
40/ 39																					12
38/ 37																				2	12
36/ 35																				1	10
34/ 33																					4
32/ 31																					3
30/ 29																					7
28/ 27																					7
26/ 25																					2
24/ 23																					2
Element (X)	Σ X ²																Σ X		Σ X ²		
Rel. Hum.																			Total		
Dry Bulb																					
Wet Bulb																					
Mean No. of Hours with Temperature																					
≥ 0 F ≥ 32 F ≥ 67 F ≥ 80 F ≥ 93 F Total																					

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MONTH

PAGE 1

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DATA PROCESSING BRANCH
USAF FIAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867	PATRICK AFB FL/COCOA BEACH	7-76	YEARS	MAR	MONTH
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07-70

PATRICK AFB FL/COLUMA BEACH

MAR

PAGE 1

1800-2000

YEARS

MONTH

HOURS (L. S. T.)

12867

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
88/ 87										.1								1	1	
86/ 85								.1										1	1	
84/ 83					.1	.1	.2	.2	.1									7	7	
82/ 81						.5	.5	.1	.2		.1							14	14	
80/ 79				.2	.3	.7	.4	.4										19	19	
78/ 77		.1	.1	.4	.7	.3	.5		.1									21	21	
76/ 75		1.4	1.5	1.3	1.5	.9	.2		.1									65	65	3
74/ 73	.1	3.1	3.1	3.1	2.9	.8	.1		.3									132	132	26
72/ 71	.1	3.1	3.1	4.3	1.7	.6	.2	.1	.1									128	128	81
70/ 69		2.2	5.1	2.6	1.2	1.6	.9	.1	.1	.1								128	128	90
68/ 67		2.3	3.5	2.4	1.6	1.2	.3	.1	.1									106	106	60
66/ 65	.6	2.0	3.6	1.4	1.9	1.0	.3	.1										101	101	133
64/ 63	.3	1.7	.2	1.4	1.5	1.1	.2	.3	.1									64	64	112
62/ 61	.4	.3	.5	.4	1.1	.5	.1	.1	.1	.1								34	34	75
60/ 59		.1	.4	.2	.6	1.1	.4		.1									29	29	45
58/ 57		.2	.7	.7	.4	.1	.1	.2										22	22	57
56/ 55		.1	.2	.4	.2	.6	.3											19	19	36
54/ 53		.2	.5	.7	.4	.2	.1											20	20	31
52/ 51			.1	.1				.1										3	3	29
50/ 49						.1	.1											2	2	24
48/ 47																				17
46/ 45																				8
44/ 43																				10
42/ 41																				3
40/ 39																				10
38/ 37																				8
36/ 35																				9
34/ 33																				5
32/ 31																				2
30/ 29																				2
28/ 27																				4
26/ 25																				2
24/ 23																				2
22/ 21																				1

Element (X)	Z X ²	Z X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	STATION
12867	PATRICK AFB FL/COCOA BEACH	67-76

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PAGE 2 18V0-2000
HOURS (L.S.T.)

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.		TOTAL				
18 / 17	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1							
16 / 15	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1								
14 / 13	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1									
12 / 11	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1										
10 / 9	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1											
8 / 7	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1												
6 / 5	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1													
4 / 3	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1														
2 / 1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1															
0 / 0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1																
18 / 17	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1							
16 / 15	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1								
14 / 13	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1									
12 / 11	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1										
10 / 9	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1											
8 / 7	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1												
6 / 5	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1													
4 / 3	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1														
2 / 1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1															
0 / 0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1																
18 / 17	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1							
16 / 15	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1								
14 / 13	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1									
12 / 11	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1										
10 / 9	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1											
8 / 7	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1												
6 / 5	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1													
4 / 3	1.0	0.9	0.8	0.7	0.6	0.5	0.4																	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76
STATION NAME
YEARS
MONTH MAR
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.1		.1												2	2		
78/ 77			.1	.4	.2	.1												8	8		
76/ 75		.6	1.2	1.7	.6	.1												37	37		
74/ 73	.2	2.9	1.8	4.6	1.2	.1	.1	.1										99	99	12	3
72/ 71	.4	3.6	4.7	4.1	1.9	.2	.2	.1										136	136	67	30
70/ 69	.2	2.8	6.8	2.9	1.3	2.0	.2	.1										147	147	67	60
68/ 67		2.4	4.6	1.7	1.0	.7												92	92	136	58
66/ 65	1.1	3.6	3.4	1.3	1.6	.9	.1											107	107	129	125
64/ 63	.7	2.4	1.9	2.4	1.7	.4	.1											55	85	123	137
62/ 61	.9	.8	1.1	1.1	1.0	.1	.1											46	46	78	101
60/ 59	.2	.1	.7	.8	.8	.4	.1											28	28	56	53
58/ 57		1.0	.4	.9	.7	.6		.1										33	33	61	44
56/ 55			1.3	.8	.7	.3	.2											30	30	35	43
54/ 53		.4	.7	.6	.6	.1	.1											21	21	27	47
52/ 51			.4	.2	.6	.2												13	13	31	33
50/ 49			.1	.2	.2													5	5	22	33
48/ 47					.1													1	1	22	30
46/ 45							.2											2	2	10	25
44/ 43																				11	10
42/ 41																				2	16
40/ 39																					7
38/ 37																				1	13
36/ 35																					8
34/ 33																					3
32/ 31																					2
30/ 29																					1
28/ 27																					4
26/ 25																					1
TOTAL	3.620	.529	.424	.114	.1	6.4	1.3	.3										892	892	892	892

Element (X)	Σ x²	Σ x	x̄	s²	No. Obs.	Mean No. of Hours with Temperature																
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Rel. Hum.	5495481	68987	77.3	13.403	892																	
Dry Bulb	4023532	59664	66.9	6.061	892																	
Wet Bulb	3516210	55666	62.4	6.892	892																	
Dew Point	3201832	52856	59.2	6.852	892																	

Element (X)	ΣX'	ΣX	X	%	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5495481	68987	77.3	13.403	892							
Dry Bulb	4023532	59664	66.9	6.061	892			54.3	15.2	.1		93
Wet Bulb	3516210	55666	62.4	6.892	892			29.4	1.3			93
Dew Point	3201832	52856	59.3	6.852	892		.8	15.7	.3			93

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH 7-74 YEARS PAGE 1 0000-0200 MONTH APR HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
80/ 79			.6	.4		.1												8	8					
78/ 77			1.2	.4														11	11					
76/ 75	.6	3.4	3.6	1.3	.4													66	65	8	7			
74/ 73		3.7	4.2	5.7	.6	.9												103	103	39	20			
72/ 71		5.5	7.0	6.1	3.7	2.7	.4											171	172	75	43			
70/ 69	.4	3.1	4.2	5.5	1.8	2.5	1.3											127	127	86	79			
68/ 67	.4	3.3	2.8	1.8	1.9	.7	.3	.3										78	78	118	64			
66/ 65	.4	2.4	1.8	1.5	.9	.7												52	52	89	105			
64/ 63	.3	.4	.4	1.2	1.3	.4	.4											32	33	101	80			
62/ 61		.1		.4	.4													7	7	53	70			
60/ 59				.4														3	3	39	38			
58/ 57			.1		.1													2	2	27	33			
56/ 55				.6	.3													6	6	13	44			
54/ 53				.7														5	5	8	22			
52/ 51																				3	24			
50/ 49																				12	12			
48/ 47																					8			
46/ 45																					10			
44/ 43																					7			
42/ 41																					2			
40/ 39																					3			
TOTAL	2.222	126.226	212.2	8.2	2.5	.3												671	673	671	671			

Element (X)	Zx	Zx²	X̄	%	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	4173219	52225	77.8	12.723	671	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3334087	47291	70.3	4.046	673	75.6	25.1			90
Wet Bulb	3316127	46649	68.9	3.828	673					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867	PATRICK AFB FL/CUCOA BEACH	67-76	APR	0300-0300
STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)
			PAGE 1	

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
																	D.B./W.B.			Wet Bulb		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
78/ 77	.4	3.0	.1															1	34	3		
76/ 75			1.5		.1													34	34	3		
74/ 73	1.2	5.2	2.4	2.5	.6	.3												82	82	27		
72/ 71	.7	5.2	5.9	3.3	3.0	2.2	.4											140	140	67		
70/ 69	1.9	5.1	7.1	2.4	2.8	2.4	1.3											155	155	68		
68/ 67	1.2	3.9	5.3	1.2	1.0	.7	.6											94	94	61		
66/ 65	1.3	4.3	1.6	1.5	.9	.7	.1											71	71	96		
64/ 63	1.2	1.9	1.5	1.5	.3	.3												45	45	106		
62/ 61	.3	.4	1.5	.7	.3	.1												23	23	53		
60/ 59			.3	1.0	.4	.1												13	13	44		
58/ 57																		6	6	39		
56/ 55			.4	.1	.1	.1												7	7	42		
54/ 53			.4	.4	.1													1	1	21		
52/ 51			.1															1	1	19		
50/ 49			.1															1	1	14		
48/ 47																				5		
46/ 45																				2		
44/ 43																				6		
42/ 41																				3		
40/ 39																				1		
38/ 37																				2		
TOTAL	3.3	29.0	28.5	14.7	9.8	7.1	2.5											673	673	673		

Element (X)	Zx'	Zx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4553875	54589	31.1	13.693	673	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3200525	46323	68.8	4.241	673				15.0		
Wet Bulb	2880978	43732	65.0	5.351	673				38.0	4.9	

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL			TOTAL		
																				D.B./W.B.			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	Dry Bulb	Wet Bulb	Dew Point		
80/ 79			.3	.1														4	4		4	4			
78/ 77			.5	.5														11	11		11	11			
76/ 75			1.5	2.1	1.2	.8	.5											78	76	4	78	76	4		
74/ 73	1.0	3.0	2.4	3.0	2.0	2.5	.6	.1										134	134	47	134	134	31		
72/ 71	.9	3.9	5.2	2.6	1.6	2.1	.8	.2										151	151	84	151	151	58		
70/ 69	1.5	4.7	7.1	4.1	2.9	2.2	.9	.1										205	205	83	205	205	67		
68/ 67	.5	2.9	3.8	1.3	1.3	1.0	.3	.2										98	98	138	98	138	86		
66/ 65	1.6	2.8	2.0	1.0	.8	.3	.5											78	78	152	78	152	130		
64/ 63	.0	2.3	1.3	1.2	.3	.2												51	51	126	51	126	109		
62/ 61	.1	.6	.9	.5	.2	.1												21	21	90	21	90	90		
60/ 59	.1		.7	.2	.2	.2	.1											14	14	57	14	57	61		
58/ 57			.1	.2	.2	.2												7	7	30	7	30	62		
56/ 55				.2	.1	.2												5	5	19	5	19	50		
54/ 53			.2	.1	.5	.1												8	8	14	8	14	33		
52/ 51			.2															2	2	4	2	4	25		
50/ 49			.1															1	1	8	1	8	20		
48/ 47																				7	7	12	12		
46/ 45																				5	5	12	12		
44/ 43																							7		
42/ 41																							2		
40/ 39																							3		
38/ 37																							8		
36/ 35																							1		
TOTAL	6.3	24.0	26.4	17.2	11.5	10.3	3.7	.7										868	868	868	868	868	868		

Element (X)	Zx'	Zx	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature											Total		
Rel. Hum.	5520088	68070	78.4	14.4	86	87.6	≥ 80 F	≥ 73 F	≥ 67 F	≥ 32 F	≥ 0 F	≥ 93 F	Total						
Dry Bulb	4214008	60354	69.5	4.4	87	86.6		73.5	70.6				90						
Wet Bulb	3695167	56443	65.0	5.3	86	86.6		5.3	36.9				90						
Dew Point	3395256	53918	62.1	7.2	84	86.8		63.3	25.2				90						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COCOA BEACH

07-76

YEARS

APR

PAGE 1 0900-1100
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1		.2										3	3		
86/ 85					.1	.2		.1	.2									6	6		
84/ 83				.2	.3	.3	.6	.7										23	23		
82/ 81			.3	1.7	1.1	1.2	1.3	.6										56	56		
80/ 79			1.0	3.7	2.5	2.3	1.2		.1									101	101	1	
78/ 77		.2	2.2	3.1	4.0	1.9	2.5	.4										129	129	6	
76/ 75		.7	1.6	4.9	4.1	3.2	3.5	1.2	.1	.1								174	174	38	10
74/ 73		1.0	2.2	4.3	2.9	2.5	3.0	1.3	.1		.1							156	156	100	28
72/ 71		1.1	2.2	2.7	2.2	2.3	1.5	.6	.6		.1							119	119	107	60
70/ 69	.1	1.1	.9	1.7	.9	1.5	.8	.3										65	65	152	93
68/ 67		.1	.3	.1	.4	.3	.3	.1										16	16	132	114
66/ 65		.1	.2	.1	.6	.2	.4	.1	.2									18	18	108	117
64/ 63	.1	.1	.4	.2	.1	.1	.1	.3										14	14	87	94
62/ 61				.1	.1	.2	.1	.1										6	6	61	81
60/ 59				.1		.4												5	5	50	63
58/ 57					.1													1	1	14	52
56/ 55					.1													1	1	12	49
54/ 53																		1	1	10	40
52/ 51					.1													1	1	4	32
50/ 49																				10	17
48/ 47																				1	8
46/ 45																				1	7
44/ 43																					9
42/ 41																					6
40/ 39																					5
38/ 37																					2
36/ 35																					4
34/ 33																					2
32/ 31	.2	4.5	11.5	22.9	19.8	17.9	15.3	6.2	1.3	.1	.2							894	894		894
TOTAL																		894			

Element (X)	Zx'	Zx	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4103156	59406	60.4	13.202	874	≥ 73 F	≥ 67 F	≥ 32 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	5027699	66915	74.8	4.034	874	63.4	83.2		12.7		90	
Wet Bulb	4052139	59993	67.1	5.420	894	54.0	14.6				90	
Dew Point	3540193	55841	62.5	7.850	894	30.7	.1				90	

Mean No. of Hours with Temperature

Element (X)	Zx'	Zx	X	Y	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Hum.	4103150	59406	60.4	13.202	894	± 73 F	± 80 F	± 93 F			Total
Dry Bulb	5027699	66915	74.8	4.034	894	83.4	63.2	12.7			90
Wet Bulb	4052139	59993	67.1	5.420	894	54.0	14.6				90
Dew Point	3540193	55841	62.5	7.050	894	30.7	3.0				90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/CUCOA BEACH 67-76 YEARS MONTH APR
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
96/95										.1	.1			.1				2	4				
94/93									.1	.4		.1						2	2				
92/91								.1	.3	.4		.1						6	6				
90/89								.1	.3	.4		.1						12	12				
88/87						.2	.2	.3	1.3	.6		.1						25	25				
86/85						.6	.4	.6	.3									17	17				
84/83				.1	.6	.4	1.0	.6		.1	.2							27	27				
82/81		.0	2.1	1.7	2.0	3.0	1.0	.4	.2									77	77				
80/79			.8	4.6	3.0	3.9	1.3	.4	.3	.1								133	133	2			
78/77		.1	1.7	4.4	3.5	3.4	3.8	1.2	.3	.1								165	165	14	1		
76/75		.2	1.5	3.8	4.3	2.0	4.5	2.0	.4	.1								168	168	51	11		
74/73		.3	1.5	2.1	3.2	3.1	2.8	.9	.4	.6	.1							135	135	111	29		
72/71		.7	.2	1.8	.6	1.6	1.3	1.3	.2	.2								71	71	153	70		
70/69			.7	.3	.2	.3		.1	.2	.2	.1							20	20	116	108		
68/67		.1	.1	.3	.6		.4	.2	.3	.2								18	18	108	101		
66/65	.4			.3	.1		.2	.2										10	10	115	94		
64/63						.2	.2	.1										5	5	85	101		
62/61						.1												1	1	57	77		
60/59																				34	47		
58/57																				13	80		
56/55																				12	50		
54/53																				8	44		
52/51																				11	14		
50/49																				2	15		
48/47																					15		
46/45																					6		
44/43																					10		
42/41																					3		
40/39																					8		
38/37																					.4		
36/35																					2		
34/33																					3		
32/31																					1		
Element (X)	Σ X																	Σ X		Mean No. of Hours with Temperature			
Rel. Hum.																				≥ 80 F			
Dry Bulb																				≥ 73 F			
Wet Bulb																				≥ 67 F			
																				≥ 60 F			
																				≥ 53 F			
																				≥ 46 F			
																				≥ 39 F			
																				≥ 32 F			
																				≥ 25 F			
																				≥ 18 F			
																				≥ 11 F			
																				≥ 4 F			
																				≥ -3 F			
																				≥ -10 F			
																				≥ -17 F			
																				≥ -24 F			
																				≥ -31 F			
																				≥ -38 F			
																				≥ -45 F			
																				≥ -52 F			
																				≥ -59 F			
																				≥ -66 F			
																				≥ -73 F			
																				≥ -80 F			
																				≥ -87 F			
																				≥ -94 F			
																				≥ -101 F			
																				≥ -108 F			
																				≥ -115 F			
																				≥ -122 F			
																				≥ -129 F			
																				≥ -136 F			
																				≥ -143 F			
																				≥ -150 F			
																				≥ -157 F			
																				≥ -164 F			
																				≥ -171 F			
																				≥ -178 F			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB EL/COLDOA BEACH 07-76 YEARS PAGE 1 1500-1700 MONTH APR HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1	.1			.2				3	3		
94/ 93										.1	.1							2	2		
92/ 91									.1	.4	.2			.1				10	10		
90/ 89									.1	.3	.2	.1	.1					11	11		
88/ 87								.3	.4	.5	.1							21	21		
86/ 85					.1	.1		.4	.3	.1								10	10		
84/ 83					.1	.4		.3	.4	.1								18	18		
82/ 81			.7	1.2	1.2	.9	.2	.2	.2			.2						44	44		
80/ 79			2.3	3.6	3.9	2.3	1.0	.3	.7			.1						146	146		
78/ 77		.1	1.0	4.1	4.6	3.0	2.7	.3	.1									148	148		11
76/ 75		.4	2.2	4.4	3.9	4.0	3.9	.9	.2									179	179		47
74/ 73		.2	1.2	2.3	3.1	2.2	3.2	1.1	.4	.3	.1							129	129		21
72/ 71	.2	.4	1.2	2.0	1.9	2.2	2.5	.8	.4		.2							107	107		78
70/ 69	.1	.1	.4	.8	.2	.3	.7	.6	.4		.1							34	34		103
68/ 67		.1	.4	.2	.2	.3	.3	.1	.2									13	18		107
66/ 65	.1	.1		.3		.1	.1	.1										7	7		82
64/ 63				.2		.3		.1										6	6		89
62/ 61					.2	.1			.1									1	1		91
60/ 59																					66
58/ 57																					59
56/ 55																					49
54/ 53																					35
52/ 51																					24
50/ 49																					20
48/ 47																					13
46/ 45																					10
44/ 43																					10
42/ 41																					5
40/ 39																					0
38/ 37																					2
32/ 31																					3
TOTAL	.4	1.6	10.2	21.3	19.4	16.4	15.4	0.0	4.9	.3	1.0	.6	.1	.3				894	894	894	894
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X
Rel. Hum.	3823158	57036	63.6	14.3	363	894															Total
Dry Bulb	5244995	68337	76.4	4.889	394	894															90
Wet Bulb	4122297	60527	67.7	5.227	894	894															90

Element (X)	Σ X'	Σ X	X̄	Σ x̄	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3823156	57036	63.6	14.368	894							
Dry Bulb	5244995	68337	76.4	4.889	894			88.6	72.6	16.8	.5	90
Wet Bulb	4122297	60527	67.7	5.227	894			54.8	18.4			90

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH 07-76 YEARS PAGE 1 1800-2000 MONTH APR
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 69								.1	.1	.1	.1	.1	.1					4	4		
88/ 87									.2	.1	.1	.1						3	3		
86/ 85								.1	.1	.1	.1							5	5		
84/ 83							.1	.1	.1	.1	.1							12	12		
82/ 81		.1	2.2	1.0	.2	.4	.2	.3	.2	.2	.1			.1				23	23		
80/ 79		.1	2.2	1.0	.9	.6	.3	.3	.1	.1								56	56		
78/ 77		.9	2.9	4.1	2.2	1.5	.1	.1			.1							107	107		1
76/ 75		1.2	3.2	5.2	3.3	2.6	.3	.1			.1							160	160		1
74/ 73		1.5	3.5	5.0	3.0	4.0	1.2	.1	.1	.1								171	171		15
72/ 71		.9	3.1	4.0	3.5	3.9	1.5	.4	.3	.1								158	158		25
70/ 69		.9	1.3	2.5	2.8	2.7	1.3	.3	.1	.1								138	138		75
68/ 67		.2	.0	.6	.7	.7	.9	.2	.1	.1								35	35		90
66/ 65	.2	.1	.3	.3	.6	.9	.6	.4										29	29		105
64/ 63		.2	.2	.4		.2	.3	.1	.1									13	13		80
62/ 61					.2	.2	.1	.1										2	2		103
60/ 59					.1													4	4		77
58/ 57				.1														1	1		35
56/ 55																		1	1		65
54/ 53																					69
52/ 51																					53
50/ 49																					29
48/ 47																					26
46/ 45																					21
44/ 43																					8
42/ 41																					17
40/ 39																					13
38/ 37																					4
36/ 35																					3
32/ 31																					2
30/ 29																					1
TOTAL	.2	5.9	19.4	27.7	17.9	18.0	8.1	2.0	1.0	.0	.3	.2	.1	.1				892	892		892

Mean No. of Hours with Temperature

No. Obs.

°x

x

Σx

Σx²

Element (X)
Rel. Hum.
Dry Bulb
Wet Bulb
Dew Point

Element (X)	Σx	x	°x	No. Obs.	Mean No. of Hours with Temperature	Σx²	Total
Rel. Hum.	4452260	61780	13.949	872	≥ 73 F	4452260	90
Dry Bulb	4853090	65682	4.398	872	≥ 67 F	4853090	90
Wet Bulb	3993060	59486	5.407	872	≥ 60 F	3993060	90
Dew Point	3532612	55709	7.184	872	≥ 50 F	3532612	90

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/CUCA BEACH 67-70 YEARS MONTH APR
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.5	.2	.2	.4											11	11		
80/ 79			1.1	.8	.2	.4	.2											23	23		
78/ 77		1.3	1.2	1.3	2.5	1.1	.1											63	63		
76/ 75		3.2	4.9	5.8	2.7	1.1	.2											151	151	29	15
74/ 73		1.8	4.3	5.0	3.3	2.4	.1	.1										145	145	57	20
72/ 71	.2	2.9	4.3	4.9	4.0	4.4	.5	.2										136	186	101	54
70/ 69	.2	2.1	2.3	3.8	3.1	4.0	.5	.8	.1									136	136	130	93
68/ 67	.1	.7	1.4	1.0	1.5	.8	.8	.4										57	57	128	95
66/ 65		.4	.8	.2	.4	1.2	.6	.6										30	30	101	90
64/ 63		.1	.2	.4	.6	.7	.1	.4										20	20	114	92
62/ 61				.1	.5	.1												6	6	76	83
60/ 59			.1		.1	.1												3	3	30	77
58/ 57				.4		.1												4	4	22	43
56/ 55					.2													2	2	27	53
54/ 53				.4														3	3	11	29
52/ 51																				6	20
50/ 49																				5	17
48/ 47																				3	11
46/ 45																					22
44/ 43																					3
42/ 41																					4
40/ 39																					4
38/ 37																					1
36/ 35																					2
TOTAL	.612	.520	.824	.520	.116	.7	3.6	1.0	.1	.1								840	840	840	840

Element (X)	Zx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Hum.	4593614	61162	72.812	931	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	4377548	60544	72.1	4.051			82.7	42.1	1.4	
Wet Bulb	3704660	55604	66.2	5.342			47.7	9.2		
TOTAL	12867	52524	62.5	7.393			20.7	6.4		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 PATRICK AFB FL/COLUMA BEACH 07-75 PAGE 1 0000-0200 MAY
STATION STATION NAME YEARS HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81				.2	.2													?	2			
80/ 79			2.3	1.9	.6	.3												33	33			
78/ 77		.6	3.6	3.4	2.8	1.1	.3											89	89			
76/ 75	.5	4.3	1.0	9.4	6.0	1.5	.2	.2										214	214	24	9	
74/ 73	.5	5.4	5.9	5.1	4.9	2.3												155	155	105	36	
72/ 71	.3	2.2	4.0	4.2	1.1	.9	.3											84	84	143	105	
70/ 69		.3	4.5	1.4	.5	.6	.3											49	49	130	108	
68/ 67		.5	.9	.3	.3													13	13	107	106	
66/ 65		.2	.7	.2	.2	.2												5	5	84	89	
64/ 63				.3	.2													3	3	29	77	
62/ 61																				10	50	
60/ 59																				10	32	
58/ 57																				5	9	
56/ 55																					0	
54/ 53																					5	
52/ 51																					12	
50/ 49																					1	
TOTAL	1.2	13.4	34.3	26.3	16.5	7.0	1.1	.2										647	647	647	647	

Element (Y)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4012482	50520	78.1	10.238	647						64	93
Dry Bulb	3566139	48001	74.2	2.765	647				91.9	70.9		93
Wet Bulb	3119311	44869	69.3	3.558	647				73.2	18.5		93
Dew Point	2897619	43185	66.7	4.846	647				52.6	6.8		93

Element (°F)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature						Total	
											≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Rel. Hum.	4012482		50520		78.1		10.238		647									
Dry Bulb	3566139		48001		74.2		2.765		647									
Wet Bulb	3119811		44869		69.3		3.558		647									
Dew Point	2897619		43185		66.7		4.846		647									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 STATION NAME PATRICK AFB FL/COCHA BEACH YEARS 67-70 MONTH MAY
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.9	.8	.3													13	13		
78/ 77		1.4	4.0	1.8	.8	.3												54	54		
76/ 75		5.1	8.0	5.7	4.8	2.2												167	167	16	6
74/ 73	.8	6.9	5.4	7.1	2.6	2.6												162	162	82	37
72/ 71	.6	5.4	5.9	2.6	1.1	.6			.2									107	107	134	94
70/ 69	.6	3.2	5.7	2.0	.6	.5	.5		.2									86	86	142	109
68/ 67		.3	2.5	.3		.2												21	21	101	109
66/ 65	.5	2.6	1.2	.3	.2													31	31	100	93
64/ 63			.3	.2	.3													5	5	42	91
62/ 61				.3														2	2	14	45
60/ 59			.2															1	1	6	32
58/ 57																				8	13
56/ 55																				4	8
54/ 53																					2
52/ 51																					5
50/ 49																					4
48/ 47																					1
46/ 45																					2
TOTAL	2.525	5.034	12.1	11.0	6.5	5.9	.5	.3	.2									649	649	649	649
						</															

Element (X)	Σ X ²	Σ X	x̄	s ²	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	4345171	52653	81.1	10.647	649								
Dry Bulb	3451987	47287	72.9	3.190	649			87.4	50.7	.1			93
Wet Bulb	3078379	44635	68.8	5.702	649			68.1	14.0				93
								50.9	6.2				93

DATA PROCESSING BRANCH
USAF EIAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 PATRICK AFB FL/COCOA BEACH 67-76
STATION NAME

PAGE 1 0600-0800
MONTH
HOURS (L. S. T.)

MAY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81			.1	.2	.4	.1												11	11			
80/ 79			2.1	5.4	1.3	.5	.4	.1										91	91			
78/ 77		.9	6.6	6.3	4.0	.9	.5	.1										178	178	1		
76/ 75	.3	4.8	7.1	7.2	2.7	1.4	.4											220	220	41	10	
74/ 73	.2	4.5	5.6	5.5	1.2	2.1		.1										177	177	197	68	
72/ 71	.9	3.1	5.5	2.3	.9	.7	.1											124	124	207	163	
70/ 69	.1	1.5	4.2	1.2	.3	.1	.1											70	70	179	196	
68/ 67		.9	1.3	.7	.1													27	27	134	140	
66/ 65		.4	.2	.4	.1													11	11	90	122	
64/ 63	.2	.4		.2		.2												10	10	42	101	
62/ 61		.1																1	1	19	39	
60/ 59			.1															1	1	5	38	
58/ 57																				3	28	
56/ 55																				2	7	
54/ 53																				1	4	
50/ 49																					3	
48/ 47																					1	
46/ 45																					1	
TOTAL	1.7	16.6	32.9	29.8	11.1	6.0	1.6	.3										921	921	941	921	

Mean No. of Hours with Temperature

No. Obs.

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DATA PROCESSING BRANCH
USAF ETAC
AIR MAILER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COCOA BEACH

7-79

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 09								.4										4	4		
88/ 87					.1	.1	.5	.3	.2									12	12		
86/ 85					.1	1.4	1.1	.5	.2									29	29		
84/ 84				.3	3.1	2.0	.9	.5	.3									66	66		
82/ 81	.1	.7	8.0	8.7	2.8	2.2	.9	.9	.4	.1	.1							222	223		
80/ 79		3.1	8.0	8.0	8.0	2.4	.6	.6	.4									278	278	2	1
78/ 77	.4	2.0	4.2	5.4	3.5	1.8	.2	.1	.1									103	163	21	
76/ 75	1.0	1.4	2.9	1.8	2.0	.9	.4	.2	.2									98	98	177	26
74/ 73	.1	.4	.3	.9	.4	.3	.7	.1	.1									31	31	247	109
72/ 71		.3	.4	.2	.1	.1	.1	.1	.1									12	12	172	171
70/ 69	.1	.3	.3	.1	.1	.1												5	5	132	175
68/ 67																		1	1	95	134
66/ 65	.1																	1	1	46	100
64/ 63																				13	69
62/ 61																				11	67
60/ 59																				4	30
58/ 57																				2	14
56/ 55																					8
54/ 53																					6
52/ 51																					6
50/ 49																					3
48/ 47																					1
46/ 45	.2	2.1	8.2	5.9	28.7	16.1	10.5	4.2	1.7	.1	.1							923	923	922	922
TOTAL																		922			

Element (X)	Z X'	Z X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4406579	63027	68.4	10.3	922	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5828538	73278	79.4	3.1	923			92.9	91.1	46.2		93
Wet Bulb	4744464	66062	71.7	3.4	922			85.3	45.1	.1		93
								42.7	12.7			93

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						TOTAL	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	4406579	63027	68.4	10.321	922								
Dry Bulb	5825538	73278	79.4	3.110	923				91.1	46.2			93
Wet Bulb	4744464	66062	71.7	3.467	922				45.1	.1			93
									43.7				93

FORM 64 JUL 64 0-26-5 (OL A) SAFETAC

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COCOA BEACH

67-70

YEARS

MONTH MAY

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point
94/ 93							.2		.1	.1								4	4
92/ 91								.1	.5	.3			.1					10	10
90/ 89								.2	.9	.2	.3							16	16
88/ 87					.2	.1	1.1	1.3	1.0	.2								36	36
86/ 85				.1	.3	.9	.7	.9	.3	.2								33	33
84/ 83			.1	1.3	4.0	4.1	2.1	.4	.2	.4								122	122
82/ 81		.1	2.3	8.1	8.4	7.4	2.7	1.0	.4	.3								285	285
80/ 79		.1	3.0	5.8	5.9	5.3	3.5	.7	.1	.2								226	226
78/ 77		.4	.8	2.2	2.7	2.8	2.3	.1	.3									107	107
76/ 75		.4	.7	1.2	1.2	.3	.9	.2	.1									48	48
74/ 73		.2	.7	.7	.2		.2	.2	.1									13	13
72/ 71	.1	.2	.3	.7	.2		.1											15	15
70/ 69	.1	.1	.3															5	5
68/ 67			.1															1	1
66/ 65																			
64/ 63																			
62/ 61																			
60/ 59																			
58/ 57																			
56/ 55																			
54/ 53																			
52/ 51																			
50/ 49																			
46/ 45																			
TOTAL	.2	1.6	7.0	20.0	23.5	21.2	13.8	5.1	4.3	7.3	.3		.1					921	921

Mean No. of Hours with Temperature

No. Obs.

°C

X

Z X

Z X

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

≥ 80 F

≥ 93 F

≥ 73 F

≥ 67 F

≥ 32 F

≥ 0 F

≥ 80 F

≥ 93 F

≥ 73 F

≥ 67 F

≥ 32 F

≥ 0 F

≥ 80 F

≥ 93 F

≥ 73 F

≥ 67 F

≥ 32 F

≥ 0 F

Total

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COLUMA BEACH

7-76

YEARS

MAY

PAGE 1 1500-1700
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1		
92/ 91								.1		.4								7	7		
90/ 89								.1	.3	.2	.2		.1					10	10		
88/ 87							.4	.4	.4	.1								17	17		
86/ 85					.2	.2	.3	.3	.2									17	17		
84/ 83				1.0	2.0	2.1	.5	.3		.2								26	26	56	
82/ 81		.4	2.0	6.6	9.7	4.3	2.4	.7	.1	.1	.1							251	251		
80/ 79		.5	4.1	8.9	8.2	6.1	2.2	.8	.4	.2								289	289	4	3
78/ 77		.2	2.3	4.0	3.6	3.1	1.5	.2										139	139	54	9
76/ 75	.1	.1	.8	1.3	1.3	1.1	1.1	.3										56	56	149	43
74/ 73	.2	.4	.7	1.2	.1	.3	.3											33	33	257	110
72/ 71	.8	.8	1.2	.7	.2	.1	.1	.1										28	28	181	147
70/ 69		.1	.9															9	9	119	190
68/ 67						.1												1	1	86	121
66/ 65		.4			.1													3	3	37	104
64/ 63					.1													1	1	16	74
62/ 61																				10	45
60/ 59																				2	28
58/ 57																				3	14
56/ 55																					10
54/ 53																					7
52/ 51																					7
50/ 49																					6
TOTAL	.3	2.0	12.7	23.9	25.5	17.9	8.8	3.9	2.0	1.4	.4	.2	.1					918	918	918	918

Element (X)	Zx ²	Zx	X̄	%	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	4486228	63276	68.9	1.650	918	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	5822615	73035	79.6	3.623	918				88.7	49.8	.1	93	
Wet Bulb	4757414	66006	71.9	3.534	918				47.0	.1		93	
Dew Point	4279349	62505	68.1	5.062	918				16.7			93	

Elements (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4486228	63278	68.9	11.650	918							
Dry Bulb	5822615	73035	79.6	3.623	918				88.6	49.8	.1	93
Wet Bulb	4757414	66006	71.9	3.534	918				80.1	47.0	.1	93
Dew Point	4279349	62505	68.1	5.062	918				63.1	16.7		93

DATA PROCESSING BRANCH USAF EIAE AIR WEATHER SERVICE/MAC

12867 PATRICK AFB FL/COCOA BEACH
STATION NAME
YEARS
67-76
MONTH
MAY
PAGE 1 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		D.B./W.B.	TOTAL		Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
90/ 89										.1							1	1	1		
88/ 87										.1		.1					2	2	2		
86/ 85										.1							9	9	9		
84/ 83										.1							9	9	9		
82/ 81										.1							34	34	34		
80/ 79										.1		.1					200	200	200		
78/ 77										.1							257	257	257	11	1
76/ 75										.1							202	202	202	102	33
74/ 73										.1							82	82	82	225	94
72/ 71										.1							51	51	51	222	127
70/ 69										.1							12	12	12	153	213
68/ 67										.1							4	4	4	93	143
66/ 65										.1							1	1	1	57	108
64/ 63										.1										24	90
62/ 61																				6	33
60/ 59																				6	31
58/ 57																				5	13
56/ 55																				5	13
54/ 53																					5
52/ 51																					4
50/ 49																					2
46/ 45																					1
40/ 39																					914
TOTAL	.3	6.220	730.025	910.4	4.0	1.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	914	914	914	914

Mean No. of Hours with Temperature

Element (X)	Σ X'	Σ X	X	%	No. Obs.	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5033138	67128	73.4	10.020	914					
Dry Bulb	5445971	70505	77.1	3.013	914					
Wet Bulb	4610327	64039	70.9	3.417	914					
	4211152	61914	67.1	4.823	914					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807
STATION

PATRICK AFB FL/COCO A BEACH
STATION NAME

67-70

YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
84 / 83							.1											1							
82 / 81				.8	.8	1.2	.8											18							
80 / 79			3.4	4.9	4.2	1.2	.8		.1									122	122						
78 / 77	.1	1.1	4.6	10.0	6.4	1.4	.5											205	205	2	2				
76 / 75	.5	5.2	9.6	9.5	5.3	1.7	1.0	.1										273	273	59	16				
74 / 73		2.4	4.0	4.6	3.4	.7	.1											126	126	173	59				
72 / 71		.6	2.4	1.0	.7	1.0	.2											54	54	229	138				
70 / 69		.2	1.3	.1	.4	.6	.4	.1										26	26	152	201				
68 / 67			.0															5	5	116	134				
66 / 65																				58	89				
64 / 63				.2	.1													3	3	19	87				
62 / 61																				14	49				
60 / 59																				6	18				
58 / 57																				5	15				
56 / 55																					9				
54 / 53																					8				
52 / 51																					4				
50 / 49																					3				
48 / 47																					1				
TOTAL	.0	9.5	25.8	2.3	21.2	7.1	3.1	.2	.1									833	833	833	833				

Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total
											± 67 F	± 73 F	± 80 F	± 93 F							
Rel. Hum.	489	5314	633	24	76.0	9.896	81.4														
Dry Bulb	479	2467	631	43	75.8	2.709	83.3				92.7	83.2	5.8								93
Wet Bulb	413	2270	580	4	70.4	3.346	83.3				81.6	70.1									93
Dew Point	381	6253	562	51	67.5	4.615	83.3				61.4	8.0									93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/CUCOA BEACH

7-74

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
84/ 83			.2	1.1	.3	.3	.2											10	10				
82/ 81		.3	4.1	3.6	.6	.3	.2											59	59				
80/ 79		2.2	5.2	9.3	.5	.3												174	174	3	1		
78/ 77	.3	5.1	4.0	3.5	.5													147	147	63	19		
76/ 75	1.3	9.7	9.7	2.0														146	146	175	104		
74/ 73	1.0	5.6	2.0	.2														58	58	221	183		
72/ 71	1.6	1.4	1.6															30	30	126	179		
70/ 69	.2	.3																3	3	34	103		
68/ 67																				5	24		
66/ 65																					14		
TOTAL	4.32	4.74	7.32	20.4	1.9	.6	.2											627	627	627	627		

Element (X)	Mean No. of Hours with Temperature												TOTAL	
	2x ²	2x	X	X ²	No. Obs.	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total		
Rel. Hum.	4572975	53375	85.1	0.640	627									
Dry Bulb	3745490	48432	77.2	2.653	627									
Wet Bulb	3420552	46292	73.8	2.104	627									
TOTAL	11739017	148099	236.1	5.397	1911									

DATA PROCESSING BRANCH
USAF-LIAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867

PATRICK AFB FL/COLIDA BEACH

47-73975-76

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STATION

STATION NAME

YEARS

PAGE 1

0390-0500

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE-1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.5														3	3		
82/ 81			.2	1.1	2.2	.6												26	26		
80/ 79			2.2	4.0	.6													115	115	1	1
78/ 77		.3	7.2	13.7	2.2	.8												152	152	37	10
76/ 75		1.3	10.6	9.9	2.1													190	191	157	87
74/ 73		1.9	8.5	2.6	.8													86	86	244	192
72/ 71		2.1	3.3	1.9														46	47	130	188
70/ 69		.6	.3	.5														9	9	51	99
68/ 67																				7	31
66/ 65																					13
TOTAL	6.7	28.3	40.5	12.4	2.1													627	629	627	627

Element (X)	Zx'	Zx	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature										Total
Rel. Hum.	4834099	54687	87.5	6.846	627	≥ 73 F	≥ 67 F	≥ 32 F	≥ 0 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3658415	47943	76.2	2.571	629	90.0	90.0			0.2		90				
	4447818	46037	73.4	2.072	627	90.0	90.0					90				
						88.1	88.1					90				

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

12807 STATION PATRICK AFB FL/COLUMA BEACH 17-70 YEARS MONTH JULY

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 65					.2	.1												3	3		
84/ 83		.1	.1	1.7	.6	.3												25	25		
82/ 81		.3	6.0	7.1	1.9													136	136	1	
80/ 79		2.6	12.9	8.1	2.4	.3												234	234	7	5
78/ 77	.1	6.1	10.8	5.5	1.2	.1												212	212	118	24
76/ 75	.8	8.5	7.1	2.4	.2													107	107	251	150
74/ 73	1.0	4.5	2.0	.9														75	75	304	254
72/ 71	1.1	1.6	.3															32	32	143	249
70/ 69	.5	.1	.1															5	5	54	128
68/ 67																				10	47
66/ 65																				1	16
64/ 63																					4
TOTAL	3.123	839.925	.0	6.5	.9													889	889	389	889

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total								
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Rel. Hum.	6278357	74403	93.7	7.605	889																
Dry Bulb	5383027	69131	77.8	4.851	889																
Wet Bulb	4873535	65792	74.0	2.247	889																
Dew Point	4662071	64337	72.4	2.509	889																

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						TOTAL	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	6278351	74403	83.7	7.605	889								
Dry Bulb	5383027	69131	77.8	4.851	889								90
Wet Bulb	4873535	65792	74.0	2.247	889								90
Dew Point	6662071	66337	72.4	2.599	889								90

DATA PROCESSING BRANCH
USAF ETAC
AIR LAUNCH SERVICE/HAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COCOA BEACH

67-70

STATION NAME

YEARS

JUL

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb/Dew Point
90/ 89					.1	.7	.6	.1										13	13	
88/ 87					1.3	2.7	1.5	.3										52	52	
86/ 85			.2	2.0	0.2	3.8	.4	.1										114	114	
84/ 83		.1	1.1	9.5	9.5	1.2	.1											195	195	
82/ 81		.9	4.0	17.2	7.6	2.1												287	287	7
80/ 79		.6	5.3	5.3	2.5	.3												124	124	95
78/ 77		.8	3.5	2.9	.3													67	67	2
76/ 75		1.2	.7	1.0														26	26	10
74/ 73	.1	1.1	.2	.1														14	14	73
72/ 71		.1	.1															2	2	267
70/ 69																				188
68/ 67																				109
66/ 65																				23
TOTAL	.1	4.8	15.3	38.0	27.7	10.9	2.6	.6										894	894	894

Element (X)	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5062629	74.9	7.654	894	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	6029452	82.1	3.118	894	90.0	89.0	74.0			90
Wet Bulb	5146631	75.8	2.194	894	90.0	83.4	3.3			90
Dew Point	4796074	73.2	2.511	894	89.1	66.9	.4			90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

12867 STATION PATRICK AFB FL/COCOA BEACH
STATION NAME
YEARS 67-76
MONTH JUN
PAGE 1 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93							.1	.2										3	3			
92/ 91						.0	.8	1.1	.1	.1								24	24			
90/ 89					.3	1.3	2.4	1.3	.3									51	51			
88/ 87			.1	.1	2.7	3.7	2.9	.4	.1									90	90			
86/ 85			.6	2.5	10.0	5.2	.3	.2										167	167			
84/ 83			1.0	6.8	9.2	2.5	.1											197	197	1		
82/ 81		.7	2.1	1.7	6.0	1.8												204	204	25	2	
80/ 79		.1	3.3	4.2	2.0	.1												86	86	130	22	
78/ 77	.1	.3	2.8	1.1	.2													41	41	287	85	
76/ 75		1.1	.9															18	18	259	204	
74/ 73		.2	.3	.2														7	7	148	280	
72/ 71			.2															2	2	32	180	
70/ 69																				5	84	
68/ 67																				3	18	
66/ 65																					13	
64/ 63																					2	
TOTAL	.1	2.5	11.9	25.5	31.1	15.2	6.6	3.4	.6	.1								890	890	890	890	
Element (X)	Σ X'	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature										Total	
Rel. Hum.	4676443	64068	72.0	8.512	850	850	850	850	850	850											Total	
Dry Bulb	6223943	74359	83.5	3.564	890	890	890	890	890	890											Total	
																					Total	
																					Total	
																					Total	
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DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/CNOCA BEACH

67-76

PAGE 1 MONTH JULY 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.2	.4	.1		.1							3	8		
92/ 91							.7	.9	.6									19	19		
90/ 89							.7	.8	.4									23	23		
88/ 87				.2			1.2	.9										46	46		
86/ 85			.1	2.0			3.3	.9	.1									124	124		
84/ 83		.1	3.0	7.0			3.5	.2										194	194		
82/ 81		.3	2.7	2.1			1.7	.1										206	206	14	1
80/ 79		.3	4.4	5.4			.2											121	121	104	24
78/ 77	.1	1.6	3.5	1.9	.6													68	68	222	62
76/ 75		1.3	2.0	1.3														47	47	266	194
74/ 73		2.1	.6	.7														30	30	193	222
72/ 71		.1	.2															3	3	19	214
70/ 69		.1	.1															2	2	20	107
68/ 67																				3	53
66/ 65																					12
64/ 63																					2
TOTAL	.1	5.9	17.4	31.3	26.2	11.2	4.0	2.6	1.1		.1							891	891	891	891

Element (X)	ΣX ²	ΣX	X̄	s _x ²	No. Obs.	Mean No. of Hours with Temperature																
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Rel. Hum.	4984365	66121	74.2	9.3 ²⁴	891																	
Dry Bulb	8021629	73161	82.1	4.008	891																	
Wet Bulb	5099338	67568	75.6	2.527	891																	

Mean No. of Hours with Temperature

No. Obs.

Σ X

X

Σ X²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Total

Σ 93 F

90

90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF LTAC
AIR CATER SERVICE/MAC

12807 PATRICK AFB FL/CALOA BEACH

7-76

YEARS

JUL

STATION NAME

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1										1	1		
90/ 89							.5	.2	.1									7	7		
88/ 87					.2	.5	.1	.1										8	8		
86/ 85				.7	1.2	.7	.5											27	27		
84/ 83		.1	.6	5.0	5.8	.9	.1											112	113		
82/ 81		.9	4.3	13.5	6.4	1.1												233	233	1	
90/ 79		.6	6.9	10.4	4.1	.8												201	201	38	12
78/ 77		1.6	6.5	6.2	1.7													142	142	134	32
76/ 75	.1	3.2	6.1	2.7														107	107	257	116
74/ 73	.3	1.9	2.0	.7														44	44	240	250
72/ 71		.1	.3															4	4	133	230
70/ 69																				36	162
68/ 67																				7	60
66/ 65																					21
64/ 63																					3
TOTAL	.2	6.4	27.0	39.2	19.4	4.0	1.1	.5	.1									886	887	886	880

Element (X)	Mean No. of Hours with Temperature										Total	
	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	≥ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	≥ 93 F	Total
Rel. Hum.	5433709	69031	77.9	7.904	686							90
Dry Bulb	5648120	70722	79.7	3.246	897							90
Wet Bulb	4915017	65957	74.4	2.363	886							90

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 PATRICK AFB FL/CUCCA BEACH 07-70

JUN

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
88/ 87							.2											2				
86/ 85					.2	.1												3				
84/ 83			.2	2.5	1.2	.2												34				
82/ 81		.7	5.3	1.4	3.2	.4												170				
80/ 79	.1	1.1	1.4	1.9	4.1	.5												235		0		
78/ 77	.2	2.2	0.3	5.5	1.2													157		22		
76/ 75	1.5	5.0	3.0	3.6	.5													149		112		
74/ 73	.2	2.9	2.4	.5														49		229		
72/ 71		.4	.2	.1														6		227		
70/ 69																				130		
68/ 67																				54		
66/ 65																				21		
64/ 63																				4		
TOTAL	2.1	12.3	37.9	35.7	10.0	1.2	.2											805	805	805		

Mean No. of Hours with Temperature

No. Obs.

%

X

Z X

Z X²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

90

90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867 STATION NAME PATRICK AFB FL/COCOA BEACH

7-73

YEARS

JUL

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.5													3	3		
84/ 83			.2	3.4	1.1	.2												31	31		
82/ 81		.2	6.5	6.0	1.9		.2											95	96		
80/ 79		3.9	20.1	9.5	1.7	.3												271	271	2	
78/ 77	.0	6.5	15.8	3.4	.5													173	173	119	27
76/ 75		5.9	3.4															60	60	291	190
74/ 73		1.1	.9															13	13	194	237
72/ 71		.2																1	1	35	141
70/ 69																				6	41
68/ 67																					0
66/ 65																					4
64/ 63																					1
TOTAL	.0	17.6	52.9	22.7	5.6	.5	.2											647	646	647	

Element (X)	Σ x ²	Σ x	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Σ 93 F	Total
Rel. Hum.	4527519	53957	83.4	0.353	647	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	4038957	51161	78.9	2.095	646	91.0	91.0	91.0	91.0	91.0	91.0	91.0	

Mean No. of Hours with Temperature

No. Obs.

°F

X

Z X

Element (X)

Rel. Hum.

Dry Bulb

Total

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12847 STATION PATRICK AFB FL/COCOA BEACH

7-73

YEARS

JUL

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE -1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 63			.2	1.1	.3													10	10		
82/ 61			3.5	3.2	.3													46	46		
80/ 79		3.2	22.0	7.1	1.2													218	218	1	
78/ 77		13.7	21.1	2.9	.3													247	247	71	10
76/ 75	.2	11.4	4.0	.2	.3													104	104	298	178
74/ 73	.9	1.7	.9															23	23	228	288
72/ 71																		1	1	47	116
70/ 69			.2																	3	40
68/ 67																				1	6
66/ 65																			649	649	649
INITIAL	1.130	.051	.914	.5	2.5													649			

Element (X) Z_x² Z_x X̄ X̄² No. Obs. Mean No. of Hours with Temperature

Element (X)	Z _x ²	Z _x	X̄	X̄ ²	No. Obs.	Mean No. of Hours with Temperature	≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	Total
Rel. Hum.	4810098	55740	85.9	5.973	649	93.0	92.9	10.9			93
Dry Bulb	3952002	50628	78.0	1.984	649	93.0	92.9	10.9			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 PATRICK AFB FL/COLDA BEACH 07-76 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1												1	1		
86/ 85				.1	.4	.1												6	6		
84/ 83			.4	3.1	1.8	.2												27	52		
82/ 81		.2	10.2	9.4	2.6	.0												214	214		
80/ 79		4.4	19.6	6.0	1.6	.2												299	299	14	2
78/ 77	.3	8.1	12.4	4.0	.2													232	232	225	58
76/ 75	.4	6.5	2.8	1.6														105	105	300	238
74/ 73	.2	1.3	.3	.2														19	19	249	313
72/ 71																				06	154
70/ 69																				13	68
68/ 67																				1	26
66/ 65																					0
64/ 63																					3
TOTAL	1.0	20.5	45.0	24.5	6.7	1.0												928	928	928	928

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	0459813	77143	83.1	7.124	928	93.0	93.0	41.7				93
Dry Bulb	5817352	73442	79.1	2.356	928	93.0	93.0	41.7				93
Wet Bulb	5246377	69753	75.2	1.916	928	93.0	93.0	41.7				93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH

7-74 YEARS

JUL MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 69					.3	.5	1.2											19	19			
88/ 87					2.7	5.2	1.4	.2										39	89			
86/ 85			.4	4.5	1.9	4.0	.1											194	194			
84/ 83		.3	6.4	8.2	9.3	1.8	.2	.2										337	337	2		
82/ 81		.6	8.4	9.3	3.2	.3	.2											205	205	12	2	
80/ 79		.3	3.2	1.9	.9	.1												59	59	204	30	
78/ 77		.3	.8	.5	.1													16	16	447	169	
76/ 75		.2	.1															4	4	186	352	
74/ 73		.1																1	1	58	228	
72/ 71																				11	101	
70/ 69																				4	29	
68/ 67																					7	
66/ 65																					3	
64/ 63																					3	
TOTAL		2.1	19.4	34.5	28.4	12.1	3.1	.4										924	924	924	924	
																</						

Element (X)	Z X ²	Z X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature				Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	
Rel. Hum.	5215000	69098	74.8	7.193	924					
Dry Bulb	6461963	77239	83.6	2.419	924			93.0	83.3	93
Wet Bulb	5515764	71370	77.2	1.841	924			93.0	7.1	93
Dew Point	5159180	69010	74.7	2.348	924			92.4	78.6	93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/CDC/TA BEACH

7-76

PAGE 1 1200-1400 JUL

STATION NAME YEARS MONTH HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE -1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1							1	1		
94/ 93									.1	.6								8	8		
92/ 91						.2	.5	1.2	.2									20	20		
90/ 89						2.2	3.6	1.0	.3									65	65		
88/ 87				.6	4.0	6.2	1.2											117	117		
86/ 85	.2	.9	1.0	1.6	5.4	5.2	1.1	.1	.1									315	249	3	2
84/ 83	.1	8.3	10.9	5.4	1.6	.2		.3										749	91	38	4
82/ 81	.4	2.2	5.1	1.4	.2													30	30	335	79
80/ 79	.2	1.9	1.0	.1														23	23	342	135
78/ 77	.5	1.7	.2															6	6	140	306
76/ 75	.3	.3																	29	202	
74/ 73																			5	101	
72/ 71																			3	34	
70/ 69																				7	
68/ 67																				1	
66/ 65																				3	
64/ 63																				1	
62/ 61																					925
TOTAL	1.8	15.4	27.9	28.5	15.6	6.7	2.7	1.3			.1							925	725	925	925

Element (X)	Σ X'	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	4952846	67220	72.7	8.576	925	93.0	93.0	88.8	.9			93
Dry Bulb	6673118	78520	84.9	2.911	925							93
Wet Bulb	5601267	71957	77.8	1.983	925							93
TOTAL	17227291	217697	75.8	2.662	925	92.5	92.5	88.8	1.8			93

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 12807 PATRICK AFB FL/COCOA BEACH 67-70 YEARS PAGE 1 1500-1700 JUL MONTH HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1									1	1		
94/ 93								.2	.2									4	4		
92/ 91							.3	.9	.4	.4								19	19		
90/ 89						1.1	.7	.3										19	19		
88/ 87				.1	3.0	4.0	1.2	.1										78	78		
86/ 85			.9	7.9	1.9	4.0	1.1	.2										245	245		
84/ 83		.1	5.0	4.6	6.9	2.5	.2	.1										278	278		
82/ 81		.3	4.0	6.2	3.5	.2	.2											133	133	23	2
80/ 79	.1	.3	3.0	2.9	.3													62	62	242	49
78/ 77		.8	2.5	1.5	.3													48	48	320	140
76/ 75		1.0	1.1	.4														23	23	179	292
74/ 73		.9	.3	.1														12	12	119	201
72/ 71																				30	155
70/ 69																				9	57
68/ 67																					19
66/ 65																					4
64/ 63																					3
TOTAL	.1	3.4	17.0	33.8	26.0	12.4	3.7	1.8	.8	.4								922	922	922	922

Element (X)	Zx'	Zx	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5124701	68281	74.1	8.591	922	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6447328	77038	83.6	3.359	922			93.0	93.0	81.9	.5	93
Wet Bulb	8666417	70961	77.0	2.321	922			93.0	89.1	11.2		93

Element (X)	Σ X'	Σ X	X	°a	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5124701	68281	74.1	8.591	922			93.0	81.9	.5	93
Dry Bulb	6447328	77038	83.6	3.359	922			93.0	81.9	.5	93
Wet Bulb	5466417	70961	77.0	2.321	922			93.0	81.9	.5	93

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COLCA BEACH 07-70 YEARS MONTH JUL
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1		
92/ 91									.2									2	2		
90/ 89							.2		.1									3	3		
88/ 87					.1	.4	.4											9	9		
86/ 85				1.1	3.8	1.3	.3											60	60		
84/ 83			3.5	10.5	7.6	1.4	.1	.2										215	215		
82/ 81		.7	9.6	14.2	4.1	1.0	.1											273	273		
80/ 79		.9	7.1	7.2	2.9	.2	.2											170	171	68	10
78/ 77		1.3	6.1	5.3	.5													103	103	311	93
76/ 75		1.8	3.5	1.0														58	58	233	241
74/ 73	.1	1.7	.5	.2														24	24	205	243
72/ 71	.1	.1	.1															3	3	88	191
70/ 69																				13	94
68/ 67																				3	40
66/ 65																					4
64/ 63																					3
62/ 61	.2	6.5	30.3	37.5	19.1	4.3	1.4	.4	.1	.1								922	922		2
TOTAL																		921	921	921	921

Element (X)	Σx ²	Σx	Σ̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5633885	71719	77.9	7.666	921							
Dry Bulb	6047520	74618	80.9	3.054	922				92.7	67.0	.1	93
Wet Bulb	5261304	69578	75.5	2.421	921				94.0	67.0		93

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	5638885	71719	77.9	7.666	921	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F
Dry Bulb	6047520	74618	80.9	3.064	922	92.0	93.0	92.7	67.0	.1
Wet Bulb	5261304	69518	75.3	2.421	921	92.0	93.0	92.7	67.0	.1

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF AFAC
AIR WEATHER SERVICE/MAC

12867 STATION PATRICK AFB FL/COCOA BEACH

7-76

YEARS

JUL

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.1											1	1		
86/ 85					1.6	.1												14	14		
84/ 83			.5	3.0	2.3	.2												55	55		
82/ 81		1.2	2.0	1.1	3.7	.2	.1											239	239		
80/ 79		2.0	1.4	1.0	2.2	.4												253	253	24	5
78/ 77		3.2	1.6	5.0	.6	.7												176	176	218	62
76/ 75	.1	4.3	4.3	.7														79	79	248	213
74/ 73	.8	1.1																16	16	251	230
72/ 71		.2																2	2	80	198
70/ 69																				11	88
68/ 67																				3	24
66/ 65																					2
64/ 63																					1
62/ 61																					3
TOTAL	.1	1.0	4.4	8.0	7.1	1.3	1.0	.2										835	835	835	635

Element (X)	Σx'	Σx	X	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5533648	67764	81.2	6.951	835	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	5283502	66388	79.5	2.501	835	93.0	92.8	51.0		93	
Wet Bulb	4704301	62651	75.0	2.113	835	93.0	82.5	.4		93	

Element (X) 2x' 2x °x No. Obs. Mean No. of Hours with Temperature

Rel. Hum.

Dry Bulb

Wet Bulb

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≥ 0 F

≥ 93 F

Total

5539648

5283502

4704301

81.2

79.5

75.0

4.951

2.501

2.113

835

835

835

93.0

93.0

93.0

51.0

82.5

82.5

93

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAVC

PSYCHROMETRIC SUMMARY

12867

PATRICK AFB FL/COCOA BEACH

7-7

STATION NAME

YEARS

ADJ
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (°)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.3													2	2		
84/ 83					.2													19	19		
82/ 81					.3													112	112		
80/ 79					.6													201	201	22	7
78/ 77					1.4													161	164	174	74
76/ 75					.6													123	123	230	225
74/ 73					.5													19	19	104	210
72/ 71					.2													3	3	23	100
70/ 69					.2													4	4	10	19
68/ 67																				1	8
66/ 65																			647		644
INITIAL					1.1													644			
																	</				

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	4908552	56093	27.1	5.840	644							
Dry Bulb	3976771	50699	78.4	2.486	647	93.0	92.0	30.8				93
Wet Bulb	3660042	48534	75.4	1.915	644	93.0	88.1	.3				93
Dew Point	3547764	47780	74.2	1.103	644	93.9	74.5					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12807 PATRICK AFB FL/COCOA BEACH

7-7-76

AUG

STATION NAME

YEARS

PAGE 1

0300-0000

HOURS (L. S. T.)

U. S. GOVERNMENT-PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 83			.2	1.2	.6													13	71	11	8
82/ 81		.5	3.4	2.2														157	195	148	66
80/ 79	.5	6.8	4.0	2.6	.3													192	165	237	207
78/ 77	.6	10.8	1.0	1.1	.2													104	38	192	232
76/ 75	1.7	17.9	5.0	.9														38	38	192	232
74/ 73	.9	4.0	.6	.2														5	5	44	95
72/ 71	.2	.0																4	4	12	28
70/ 69	.5	.3																			8
68/ 67																					644
TOTAL	4.5	46.9	39.3	8.4	1.1													644	648	644	

Mean No. of Hours with Temperature

No. Obs.

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DATA PROCESSING BRANCH
USAF EIA
AIR FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12507 PATTICK AFB FL/COLDA BEACH 67-70 YEARS AUG MONTH
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
88/ 87					.1													1	1				
86/ 85				.2	1.7													17	17				
84/ 83		.4	1.8	3.0	2.6	.2												73	73				
82/ 81		1.3	10.0	7.7	3.2	.7												208	208		4		
80/ 79	.2	8.3	15.0	5.3	1.0													270	270		41		
78/ 77	.4	11.2	7.7	3.0	.2													205	205		23		
76/ 75	.7	7.5	2.5	.7														105	105		117		
74/ 73	.2	1.8	.7	.1														25	25		299		
72/ 71	.1	.2																3	3		257		
70/ 69	.1	.1																2	2		136		
68/ 67																					54		
TOTAL	2.036	837.0	19.9	8.8	.9													909	910		909		

Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.	Mean No. of Hours with Temperature						Total	
	6545245	76195	84.5	7.949	910	93.0	92.5	43.5		93	93.0	92.5	43.5	93			
Rel. Hum.	5719853	72107	79.2	2.613	910	93.0	92.5	43.5	93	93.0	92.5	43.5	93				
Dry Bulb																	

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF FIAC
AIR WEATHER SERVICE/MAC

PATRICK AFB FL/COLDA BEACH

12367

STATION NAME

YEARS

7-70

Page 1

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MONTH

0011-0065

HOUR (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE : 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL				TOTAL			
																		D.B./W.B.				Dry Bulb			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point					
92/ 91							.1	.1										?	2						
90/ 89					.3	.5	.4											12	12						
88/ 87				.3	3.9	3.9	.9											33	33						
86/ 85			1.5	5.7	1.6	5.2	.3											225	225						
84/ 83		.3	7.3	14.3	8.8	2.1												307	307	2					
82/ 81		2.2	8.0	8.4	2.5	.1												202	202	27					
80/ 79	.3	.9	4.0	1.5	.5													67	67	68					
78/ 77		.7	.7	.2														14	14	349					
76/ 75		.4	.2	.2														8	8	715					
74/ 73		.2																2	2	46					
72/ 71																				9					
70/ 69																				105					
68/ 67																				32					
ADJIAL	.3	4.7	22.5	31.2	27.7	11.8	1.7	.1										922	922	922					
</																									

DATA PROCESSING BRANCH
USAF LTAC
AIR LAUNCH SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/CDCOA BEACH 7-76 YEARS MONTH AUG
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93							.1	.3	.1	.1								1	1			
92/ 91							.1	.3	.1	.1								3	3			
90/ 89							.7	3.0	.3									44	44			
88/ 87							.1	8.5	2.9	1.5								191	191			
86/ 85							.1	3.3	7.8	14.1	5.9	.7						293	293			
84/ 83							.5	6.4	11.0	6.5	1.1							241	241		4	
82/ 81							1.1	3.0	5.5	.7	.1							84	84		75	
80/ 79							.8	2.4	.5	.2								36	36		342	
78/ 77							.5	.9	.3	.2								16	16		350	
76/ 75							.1	.3										4	4		136	
74/ 73								.1										1	1		26	
72/ 71																					4	
70/ 69							.1											1	1		3	
68/ 67																					16	
66/ 65																					3	
TOTAL	.1	3.3	17.0	24.6	30.9	20.1	3.4	.5	.1	.1								920	920	920	920	

Element (X)	Σ X ²	Σ X	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature															
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Rel. Hum.	5065762	67085	73.8	7.852	950																
Dry Bulb	6631780	73072	84.9	2.064	920															.1	93
Wet Bulb	5618502	71874	78.1	1.930	920																93

Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature								Total	
											≥ 80 F	≥ 73 F	≥ 67 F	≥ 62 F	≥ 57 F	≥ 52 F	≥ 47 F	≥ 42 F	≥ 37 F	≥ 32 F
Rel. Hum.	5065765		67685		73.8		7.852		920		920	920	920	920	920	920	920	920	920	920
Dry Bulb	6631780		73072		84.9		2.064		920		920	920	920	920	920	920	920	920	920	920
Wet Bulb	5618502		71874		78.1		1.930		920		920	920	920	920	920	920	920	920	920	920

DATA PROCESSING BRANCH
USAF HAFAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COLUMA BEACH 07-76

AUG

YEARS

STATION NAME

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dew Point		
90/ 89					.4	.3	.6	.1										18	18		
88/ 87				.7	3.4	7.3	1.7	.3										121	121		
86/ 85			2.5	6.6	12.7	5.6	1.0											258	258		
84/ 83		.7	6.1	3.7	7.4	1.3	.1											220	220		
82/ 81		1.6	4.3	7.1	1.2	.1												129	129		
80/ 79		.8	3.5	2.4	.6													66	66		
78/ 77		.6	2.1	1.0	.4													39	39		
76/ 75	.3	2.0	1.5	.4	.1													35	35		
74/ 73	.1	.4	.7															11	12		
72/ 71	.3	.3																5	5		
70/ 69	.1																	1	1		
68/ 67																					
66/ 65																					
TOTAL	.4	6.9	20.3	27.0	26.4	15.3	3.3	.4										903	903		

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Σ 93 F	Total
Rel. Hum.	5211407	68169	75.5	8.503	903	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F				
Dry Bulb	6296751	75383	83.4	5.441	903			93.0	92.4	80.8		93		
Wet Bulb	5387470	69116	77.2	2.367	903			93.0	89.5	14.7		93		
TOTAL	16894628	212468	77.2	5.5	903			93.0	92.4	14.7		93		

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5211407	68169	75.5	8.503	903							93
Dry Bulb	6296751	75383	83.4	3.441	903							93
Wet Bulb	5387470	69716	77.2	2.367	903							93

PSYCHROMETRIC SUMMARY

12857

STATION NAME
PATRICK AFB FL/COLPA BEACH

7-70

YEARS

PAGE 1

AUG
MONTH

1800-2000
HOURS (L. S. T.)

PAGE 1

0-24

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 69							.1											1	1		
88/ 67					.1	.3												4	4		
86/ 85				1.3	4.3	.9												59	59		
84/ 83			2.4	10.3	9.4	1.6	.2											239	239		
82/ 81		2.3	11.1	12.4	4.2	1.1												283	283	2	
80/ 79		2.5	9.2	4.5	1.2													159	159	99	31
78/ 77		2.3	5.3	2.7	.4													95	95	313	113
76/ 75	.1	3.2	1.8	.4	.1													53	53	232	259
74/ 73		1.4	.5	.1														19	21	156	260
72/ 71		.1																1	1	51	157
70/ 69																				9	56
68/ 67																				1	32
66/ 65																					3
INITIAL	.3	12.0	32.4	31.4	19.7	3.7	.3											913	915		913

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION NAME PATRICK AFB FL/COCOA BEACH 07-76 YEARS MONTH AUG
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85					.7													6	6			
84/ 83			1.7	4.5	4.5													90	90			
82/ 81		3.0	13.7	10.7	3.0	.7												257	257			
80/ 79	.2	3.9	15.4	5.3	1.1	.1												215	218	56	24	
78/ 77		5.3	8.0	3.0	.6													140	140	241	96	
76/ 75	.2	5.6	5.3	.5														96	96	274	239	
74/ 73		1.3	.5															15	15	188	240	
72/ 71	.1	.1																2	2	24	144	
70/ 69		.2																2	2	10	60	
68/ 67																					18	
66/ 65																					2	
TOTAL	.6	19.6	45.0	74.1	10.0	.9												823	826	823	823	
												</										

Element (X)	Σ x ²	Σ x	x̄	s _x ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	5677297	68099	82.7	7.187	823						
Dry Bulb	5248180	65806	79.7	2.590	823						93
Wet Bulb	4706334	62212	75.9	2.099	823						93
											93

DATA PROCESSING BRANCH
USAF FIAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/CUCOA BEACH STATION NAME YEARS 7-73 MONTH SLP
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85				.5	.2													4	31	4	
84/ 83				1.0	1.0	1.1	1.3											31	189		
82/ 81		.2	1.0	1.0	2.9	1.4	.5											182	182	7	
80/ 79		2.7	1.2	0.0	5.6	2.4	.2											128	128	150	51
78/ 77	.3	4.0	8.7	0.8	.8													75	75	174	156
76/ 75	.3	3.2	4.7	1.5	.3													10	10	152	138
74/ 73		.6	.5	.3	.2													2	2	118	114
72/ 71				.2	.2															17	90
70/ 69																					49
68/ 67																				3	19
66/ 65																					3
64/ 63																					1
62/ 61	.6	12.7	1.4	26.6	11.8	5.0	1.9											621	621	621	621
TOTAL																					

Element (X)	Mean No. of Hours with Temperature										Total	
	Σ X	X̄	σ _x	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	4035069	80.2	8.255	021								
Dry Bulb	3911566	79.3	2.358	621								
Wet Bulb	3456913	74.6	2.352	621								

DATA PROCESSING BRANCH USAF LTAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12847 STATION PATRICK AFB FL/COCOA BEACH 7-75-76 YEARS MONTH SLP
PAGL 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.2	.5	1.5	.2											13	13		
82/ 81		.2	1.0	5.8	2.0	1.1	1.0											134	134		
80/ 79		3.0	13.0	5.3	5.8	1.9												185	185	1	31
78/ 77	.8	8.0	9.7	4.5	1.9	.2												156	156	126	171
76/ 75	.0	5.9	8.9	2.4	.3													114	114	171	171
74/ 73		1.9	1.0															18	18	109	134
72/ 71			.3	.2	.3													5	5	123	122
70/ 69	.2																	1	1	32	82
68/ 67																				1	64
66/ 65																				3	15
64/ 63																					4
62/ 61																					3
TOTAL	1.4	19.0	44.4	18.2	11.3	4.5	1.1											626	626	626	626

Element (X)	Σ x ²	Σ x	\bar{x}	s ²	No. Obs.	Mean No. of Hours with Temperature							
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	4243003	51245	81.9	8.767	656								
Dry Bulb	3863645	49157	78.5	2.388	626			90.0	89.1	37.7			90
Wet Bulb	3450972	46456	74.2	2.343	626			89.6	67.1				90
TOTAL	11556920	146858	72.6	2.116	626			86.8	48.3				90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME YEARS 67-70 MONTH SEP PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1	.4	.1	.2	.1										102	9		
84/ 83			1.7	4.6	3.0	1.0	.4	.1										215	215		
82/ 81		.9	10.3	7.3	3.8	1.5	.3											235	235	30	2
80/ 79	.1	2.0	10.2	6.0	4.4	1.1												164	165	206	73
78/ 77	.2	4.0	7.0	4.8	1.0	.1												124	125	210	211
76/ 75	.2	4.3	6.5	2.0	.3													29	29	258	176
74/ 73	.1	1.8	1.1	.1	.1													10	10	141	198
72/ 71	.1	.3	.3	.1	.2													2	2	36	139
70/ 69			.2																	5	62
68/ 67																				4	23
66/ 65																					4
64/ 63																					2
62/ 61																			492		890
TOTAL	.8	14.5	38.1	27.6	13.9	3.8	1.0	.2										890		890	
																</					

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	5795791	71437	80.3	6.336	890							
Dry Bulb	5608908	70688	79.2	2.877	890			90.0	88.6	40.1		90
Wet Bulb	4953687	66361	74.6	2.514	890			82.6	71.2			90

DATA PROCESSING BRANCH
USAF FIAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12807 PATRICK AFB FL/COCOA BEACH

7-75

YEARS

PAGE 1

MONTH 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
96/ 95							.1		.1	.2								2	2							
94/ 93							.4		.1									2	2							
92/ 91							.8	.3	.1									8	8							
90/ 89					.4	1.1	.6	.9	.1									30	30							
88/ 87					5.7	8.4	2.1	1.7	.3									163	163							
86/ 85			.6	9.2	15.1	8.0	3.5	.4										328	328							
84/ 83			1.0	6.4	8.0	6.3	1.5	.2										208	208	1						
82/ 81			1.2	3.9	3.1	.4												76	76	17						
80/ 79		.1	1.5	2.1	.7	.2	.1											42	42	232	17					
78/ 77		.2	.7	.6	.1													14	14	272	154					
76/ 75		.6	.3	.1														9	9	197	232					
74/ 73		.3	.2															5	5	138	187					
72/ 71			.2															2	2	26	151					
70/ 69			.1															1	1	6	90					
68/ 67																				3	42					
66/ 65																					17					
64/ 63																					2					
TOTAL		1.2	5.6	22.3	33.2	24.4	8.5	3.0	.7	.2								892	892	892	892					
Element (X)	ΣX ²																		Mean No. of Hours with Temperature							
Rel. Hum.	4405236																		ΣX				ΣX ²			
Dry Bulb	6398800																		62276				69.8			
Wet Bulb	5264783																		75204				84.6			
																			68495				76.4			
																			892				89.2			
																			892				89.2			
																			892				89.2			
																			892				89.2			
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																			892				89.2			
																			892				89.2			

Element (X)	Σ X ²	Σ X	Σ X ²	Mean No. of Hours with Temperature				No. Obs.
				≥ 32 F	≥ 27 F	≥ 23 F	≥ 19 F	
Rel. Hum.	4405236	62278	69.8	8.004				892
Dry Bulb	6398800	75504	84.6	2.941				892
Wet Bulb	5264783	68495	76.4	2.611				892
Total								

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COCOA BEACH 07-70 YEARS MONTH SEP

PAGE 1 1500-1700
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1								1	1		
92/ 91									.2									6	6		
90/ 89									.1									8	8		
88/ 87									.8									101	101		
86/ 85									.5									239	239		
84/ 83									1.9									250	250		
82/ 81									.3									165	165		2
80/ 79									.4									61	61	174	4
78/ 77									.4									32	32	272	127
76/ 75									.2									20	20	198	230
74/ 73									.3									5	5	191	179
72/ 71									.4									4	4	31	176
70/ 69																				12	111
68/ 67																				1	38
66/ 65																				4	17
64/ 63																					6
TOTAL																		892	892	892	892

Element (X)	Mean No. of Hours with Temperature												No. Obs.		Total	
	≥ 31	≥ 32 F	≥ 33 F	≥ 34 F	≥ 35 F	≥ 36 F	≥ 37 F	≥ 38 F	≥ 39 F	≥ 40 F	≥ 41 F	≥ 42 F	≥ 43 F	≥ 44 F	≥ 45 F	≥ 46 F
Rel. Hum.																
Dry Bulb																
Wet Bulb																
Dew Point																

DATA PROCESSING BRANCH
USAF KJAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76 YEARS MONTH SEP
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.2	.1											3	3		
86/ 85			.1	1.2	2.5	1.2	.8	.1										53	53		
84/ 83	.2	3.2	1.5	8.8	2.8	2.8	.7											241	242	3	2
82/ 81	.1	8.7	1.4	7.7	3.7	3.7	.3											253	283		
80/ 79	.6	7.6	6.8	5.4	.7	.3												189	189	54	4
78/ 77	.8	3.2	2.1	1.0														63	63	246	57
76/ 75	1.1	2.5	.7															38	38	241	223
74/ 73	.8	.2	.3	.1														13	14	223	204
72/ 71		.2	.1	.1														4	4	97	165
70/ 69																				18	148
68/ 67																				2	57
66/ 65																				3	17
64/ 63																					6
62/ 61																					1
TOTAL	3.6	25.6	34.2	25.6	8.7	2.3	.1											887	889	887	887

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5129914	67112	75.7	7.868	887							
Dry Bulb	3862062	72152	81.2	2.830	884			90.0	89.6	70.9		90
Wet Bulb	5023957	66721	75.2	2.408	887			89.7	77.8	1.0		90
Dew Point	4691723	64455	72.7	3.008	887			87.6	49.7	.3		90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

12867 STATION NAME
PATRICK AFB FL/COCOA BEACH

YEARS
7-76

PAGE 1
2100-2300
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

J Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	W.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85				.4	.4	.4	.1											10	10				
84/ 83			1.5	7.8	5.2	1.4	1.5											140	140				
82/ 81		.2	12.7	10.9	6.2	1.6	.1											257	257	1	1		
80/ 79		1.6	7.3	9.0	6.2	1.1	.5											208	208	27	1		
78/ 77	.2	2.2	5.9	4.7	1.5													118	118	224	67		
76/ 75		2.5	3.7	1.4														51	61	190	198		
74/ 73	.4	.4	.5	.4	.1													14	14	216	178		
72/ 71																				124	151		
70/ 69																				23	125		
68/ 67																				2	64		
66/ 65																				1	16		
64/ 63																					7		
TOTAL	.6	6.9	31.7	34.5	19.6	4.5	2.2											808	808	908	808		

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4955438	62942	77.9	8.054	808							
Dry Bulb	5206805	64829	80.2	2.568	808			90.0	90.0	60.6		90
Wet Bulb	4537841	60521	74.9	2.409	808			89.9	73.3			90
Dew Point	4269297	58681	72.4	2.067	808							

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/NAC

12867	PATRICK AFB FL/COCOA BEACH	7-73	OCT	0000-0200
STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)
				PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
																	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30				
64/ 83								.2									1	1		
82/ 81								.9									52	52		
80/ 79		.9	5.6	8.6	3.9	1.7	.6										137	137	5	4
78/ 77	.3	2.7	6.9	5.0	5.2	2.6	.6										150	150	30	6
76/ 75	.9	4.9	2.5	3.3	3.9	2.0											112	113	71	59
74/ 73	.8	3.3	3.0	2.2	1.1	.3											68	75	154	81
72/ 71		3.1	4.5	1.1	.2												57	57	110	109
70/ 69	.5	.9	2.2	.2	.2												25	25	120	83
68/ 67	.2	.3	.3	.3	.2	.3											10	10	61	89
66/ 65			.0	.3	.3												8	8	33	74
64/ 63			.3	.5	.3												7	7	4	50
62/ 61				.3													2	2	5	40
60/ 59				.2	.2												2	2	7	10
58/ 57		.5	.3	.3													7	7	8	4
56/ 55			.2														1	1	5	7
54/ 53																			2	5
52/ 51																			4	5
50/ 49																				2
48/ 47																				4
46/ 45																				1
TOTAL	2.7	16.6	30.0	23.8	15.5	7.5	2.3	1.0									639	647	639	639
							</													

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867. PATRICK AFB FL/COCOA BEACH

67-74,76

OCT

STATION NAME

YEARS

PAGE 1 0300-0500

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.2										1	1		
82/ 81			1.9	.5		.2	.6	.8										26	26		
80/ 79		1.1	7.3	6.5	2.1	.5	1.0											116	116		
78/ 77		2.1	6.2	4.4	4.4	3.2	.5											131	131	22	7
76/ 75	1.1	4.8	2.9	4.3	4.1	2.7												125	127	73	48
74/ 73	.6	5.7	4.3	1.3	1.4	.2												85	93	131	82
72/ 71	.2	3.8	4.4	.6	.2	.5												61	62	110	99
70/ 69	.3	2.2	2.5	.2														33	37	116	88
68/ 67	.8	.8	1.6															20	21	99	93
66/ 65	.2	.2	.5	.2														6	6	38	69
64/ 63	.5		.3	.5	.2	.5												8	8	12	60
62/ 61	.2			.2	.2	.5												6	6	6	39
60/ 59				.5	.2													4	4	4	14
58/ 57	.3			.2	.3													5	5	4	4
56/ 55	.2			.2														2	2	4	6
54/ 53		.2	.2															2	2	4	1
52/ 51																				6	4
50/ 49																				2	
48/ 47																					3
46/ 45																					5
44/ 43																					2
TOTAL	4.320	.632	.019	.512	.8	7.6	2.2	1.0										631	647	631	631
Element (X)	Zx ²	Zx	X̄	X̄ ²	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.	4135141	50545	80.11	11.706	631	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				Total						
Dry Bulb	3633470	48392	74.8	4.059	647			88.3	71.0	0.2				93							
Wet Bulb	4134441	44377	70.3	4.928	631			81.2	33.3					93							

Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
	Rel. Hum.	Dry Bulb	Wet Bulb	Temp.	No. Obs.	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Rel. Hum.	4135141	50545	80.1	11.706	631	80.1	71.0	88.3	71.0	88.3	71.0	88.3	71.0	88.3	71.0	88.3	71.0	88.3	71.0	88.3	71.0	88.3
Dry Bulb	3633476	48392	74.8	4.659	647	74.8	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2
Wet Bulb	3134441	44377	70.3	4.828	631	70.3	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2	33.3	81.2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION NAME PATRICK AFB FL/COCOA BEACH

07-76

YEARS

0CT

PAGE 1 0600-0800
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84 / 83			.1	.2	.2			.3										8	8		
82 / 81		.2	1.2	1.9	.8	.3	.9	.3										51	51		
80 / 79		1.0	4.1	4.7	2.8	3.3	.6	.2										150	150	4	1
78 / 77	.1	2.0	5.6	4.3	5.7	3.3	.2											191	192	30	13
76 / 75	1.3	3.9	2.9	4.1	3.2	2.1	.4											162	164	94	53
74 / 73	.9	3.0	2.9	1.8	1.2	1.3	.7											106	110	100	108
72 / 71	.1	2.4	3.8	.9	1.2	.7	.2											84	87	145	118
70 / 69	.1	1.9	2.0	1.3	.4	.2	.1											59	60	144	103
68 / 67	.4	1.1	.9	1.0	.4													35	35	118	113
66 / 65	.4	.6	.6	.3	.1													18	18	67	129
64 / 63			.4	.3	.2													9	9	47	84
62 / 61	.2		.1	.2	.3	.1												9	9	29	59
60 / 59				.1	.4	.2												7	7	13	36
58 / 57	.2				.6													7	7	8	26
56 / 55				.1														1	1	2	21
54 / 53			.1	.1														2	2	3	9
52 / 51																				9	5
50 / 49																				6	
48 / 47																					4
46 / 45																					5
44 / 43																					5
42 / 41																					4
TOTAL	3.9	16.1	24.7	21.9	17.7	11.7	3.1	.9										899	910	899	899
																</					

Mean No. of Hours with Temperature

Total

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

12.2

87.6

69.0

74.0

22.8

93

93

93

93

93

93

93

93

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867
STATION

PATRICK AFB FL/COCOA BEACH

67-76

YEARS

PAGE 1

0011-0060
HOURS (L. S. T.)

125

MONTH

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE-1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
																		D.B./W.B.		Wet Bulb Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1									1	1		
86/ 85				.4	1.1	.5	.4	1.0	.2									34	34		
84/ 83			.5	2.2	3.9	1.8	1.9	.6										102	102		
82/ 81		.4	2.7	6.3	4.3	3.7	2.4	.6										189	189		
80/ 79	.2	.3	3.1	5.6	4.4	5.1	2.9	.1										202	202	24	6
78/ 77		1.6	3.1	3.5	3.7	2.9	1.4	.3	.1									154	154	70	26
76/ 75	1.2	1.5	1.5	3.5	1.9	1.2	1.0	.2										111	111	161	72
74/ 73		1.0	1.3	1.3	1.1	1.6	.9	.2	.1									69	69	168	130
72/ 71	.1	.3	.5	.3	.8	.2	.3											24	24	172	122
70/ 69	.1	.2		.1	.5	.1												10	10	148	115
68/ 67	.1		.2	.1	.2	.2		.1	.2									8	8	99	110
66/ 65			.2	.2	.1	.1	.1											9	9	37	123
64/ 63						.4												5	5	33	75
62/ 61			.1		.2	.2												4	4	16	40
60/ 59					.1													1	1	8	34
58/ 57					.1													1	1	4	20
56/ 55																					13
54/ 53																					7
52/ 51																					3
50/ 49																				0	4
48/ 47																					9
46/ 45																					1
44/ 43																					3
42/ 41																					1
40/ 39																					2
TOTAL	1.7	5.4	13.4	23.5	22.5	18.2	11.4	3.4	.5									924	924	924	924

Element (X)	Σx²	Σx	X̄	s²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Ref. Hum.	4719200	65102	70.5	11.974	924						
Dry Bulb	5720130	72596	78.6	4.225	924						
Wet Bulb	4737764	66022	71.5	4.694	924						

DATA PROCESSING BRANCH
USAF FIAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION PATRICK AFB FL/COCOA BEACH

7-70

YEARS

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1	.1									2	2		
88/ 87						.4	.3	.8	.5									19	19		
86/ 85				.7	2.3	1.6	1.0	1.7	.4									73	73		
84/ 83			.8	4.8	5.2	3.1	2.9	1.3	.3	.1								171	171		
82/ 81		.2	1.8	7.8	6.5	6.4	3.0	1.2	.4									253	253	1	
80/ 79		.5	2.5	2.6	4.1	4.5	3.9	1.2	.1									179	179	21	6
78/ 77		.7	1.1	1.0	2.2	2.7	1.5	1.2	.4									105	105	121	18
76/ 75	.1	1.1	1.1	.9	1.7	.3	1.2	.9	.1	.2								60	60	157	91
74/ 73		.7	.3	.3	.3	1.0	.2	.5										31	31	164	124
72/ 71		.4	.1	.1	.1	.3	.3											13	13	105	107
70/ 69							.4	.1										5	5	110	128
68/ 67						.2	.2	.1	.2									7	7	88	102
66/ 65						.2		.1										3	3	24	98
64/ 63																				34	87
62/ 61																				11	45
60/ 59																				10	35
58/ 57																				6	21
56/ 55																				5	19
54/ 53																				3	8
52/ 51																				1	13
50/ 49																					7
48/ 47																					4
46/ 45																					2
44/ 43																					2
42/ 41																					1
40/ 39																					3
TOTAL	.1	2.5	7.7	18.8	22.5	21.1	15.1	9.2	2.7	.3								921	921	921	921

Element (X)	Σ X ²	Σ X	Σ X ²	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4111793	60585	65.8	921	≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Dry Bulb	5977566	74122	80.5	921	62.0	90.2	92.7	90.2	62.0	93
Wet Bulb	4718745	66275	72.0	921	.8	46.9	83.5	46.9	.8	93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867	PATRICK AFB FL/COCONA BEACH	67-70	OCT	1500-1700
STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)
			PAGE 1	

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				TOTAL			
																	D.B./W.B.				D.B./W.B.			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	Dry Bulb	Wet Bulb	Dew Point	
90/ 89								.1										1	1		1	1		
88/ 87								.3										5	5		5	5		
86/ 85				.2	1.3	1.0	.4	1.2	.3									41	41		41	41		
84/ 83			.2	2.4	3.4	.9	1.5	1.0	.1	.1								88	88		88	88		
82/ 81			1.9	9.7	6.1	5.1	2.9	1.0	.2									247	247		247	247		
80/ 79			3.1	5.1	5.7	6.2	2.4	1.1	.2									221	221	7	221	221	7	
78/ 77	.3	2.1	2.0	3.9	2.1	2.0	.6	.4										132	132	58	132	132	58	
76/ 75	.8	.8	2.5	2.5	2.5	2.1	1.2	.7	.1	.1								99	99	152	99	99	152	
74/ 73	.7	1.0	.3	1.0	.9	.9	.8	.2										46	46	164	46	46	164	
72/ 71	.7		.1	.3	.1	.3	.8	.2										19	19	182	19	19	182	
70/ 69				.1		.1	.5	.4										10	10	119	10	10	119	
68/ 67				.1		.2	.2	.1										6	6	85	6	6	85	
66/ 65						.1	.1											1	1	53	1	1	53	
64/ 63						.1												1	1	25	1	1	25	
62/ 61																				12			12	
60/ 59																				17			17	
58/ 57																				5			5	
56/ 55																				7			7	
54/ 53																				1			1	
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
42/ 41																								
TOTAL		2.9	8.9	23.1	24.3	18.6	13.0	7.2	1.6	.2								917	917		917	917		
Element (X)	2x'	2x	X	X	X	X	X	X	X	No. Obs.	Mean No. of Hours with Temperature						≥ 80 F	≥ 93 F	Total					
Rel. Hum.	4298194	61880	67.5	11.5	563					917	≥ 73 F	≥ 67 F	≥ 62 F	≥ 57 F	≥ 52 F	≥ 47 F	50.7	93.7	93.7					
Dry Bulb	5786174	72770	79.4	3.5	227					917	92.8	89.2	85.7	82.2	78.7	75.2	50.7	93.7	93.7					
Wet Bulb	4693787	65677	71.9	4.4	494					917														

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION

PATRICK AFB FL/COCOA BEACH

07-70

STATION NAME

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

01 OCT
MONTH

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

J Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1	.5										1	1		
84/ 83				.4	.9		.3	.9										20	20		
82/ 81		.2	2.3	5.9	1.4	1.3	.8	.9										117	117		
80/ 79		1.4	3.9	8.0	4.7	3.8	.9											209	209	2	2
78/ 77		1.0	4.2	5.3	9.3	3.1	1.2	.2										223	223	52	13
76/ 75	.3	2.5	2.6	3.5	4.2	3.1	.5											157	157	119	57
74/ 73	.1	.9	2.9	1.8	2.8	2.0	1.5	.2										111	111	161	115
72/ 71		.7	1.1	.8	1.1	.8	.9											50	50	175	113
70/ 69		.1	.1	.7	.5	.5												13	13	163	121
68/ 67				.1	.1	.2	.3											6	6	106	134
66/ 65					.3	.3	.2											8	8	57	90
64/ 63				.2	.4	.2												8	8	34	83
62/ 61																				20	80
60/ 59																				13	29
58/ 57																				7	20
56/ 55																				10	19
54/ 53																				4	10
52/ 51																					14
50/ 49																				7	4
48/ 47																					4
46/ 45																					3
44/ 43																					2
42/ 41																					1
TOTAL	.4	6.7	17.1	26.7	25.1	15.4	6.7	1.8										923	923	923	923

Element (X)	Σx'	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Σ	Total
Rel. Hum.	4893538	66422	72.0	1.100	923	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F		Total		
Dry Bulb	5490109	71109	77.0	3.576	923			91.4	84.4	23.3		93		
Wet Bulb	4604233	65055	70.5	4.542	923			78.4	33.7			93		
TOTAL	1598774	19806	17.1	4.136	923			55.9	18.8			93		

Mean No. of Hours with Temperature

No. Obs.

%

Σ x

Σ x²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Total

93

93

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76 OCT
STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb			
84/ 83				.1	.4	.1	.2	.2										9	9				
82/ 81			2.0	3.7	1.1	1.0	.7	1.1										85	85				
80/ 79		.8	6.3	7.6	3.6	3.1	.6											183	183	38			
78/ 77		1.5	4.8	6.2	7.0	3.0	.6											194	194				
76/ 75	.8	3.1	3.0	4.2	3.7	2.4	.6											154	154	11			
74/ 73	.4	1.3	2.9	3.2	2.3	1.5												97	97	62			
72/ 71		1.7	2.4	1.1	1.4	.5	.7	.1										66	66	110			
70/ 69		.6	.1	.6	.4	.2												16	16	112			
68/ 67			.4	.4	.5	.1	.1											12	12	170			
66/ 65				.2	.7	.1												9	9	94			
64/ 63			.2	.1			.2											5	5	53			
62/ 61			.2	.1		.1												4	4	28			
60/ 59				.2	.2													4	4	9			
58/ 57			.1															1	1	16			
56/ 55																				11			
54/ 53																				2			
52/ 51																				4			
50/ 49																				3			
48/ 47																				7			
46/ 45																				5			
44/ 43																				1			
TOTAL	1.2	9.0	23.5	27.7	21.2	12.1	3.8	1.4										841	841	841			
														</									

Element (X)	Mean No. of Hours with Temperature												No. Obs.		Total	
	Z _x	Z _y	Z _x	Z _y	Z _x	Z _y	Z _x	Z _y	Z _x	Z _y	Z _x	Z _y	Z _x	Z _y	Z _x	Z _y
Rel. Hum.	4805792	62890	74.3	1.067									841		841	
Dry Bulb	4913233	64195	76.3	3.952									841		841	
Wet Bulb	6193306	59280	70.3	4.499									841		841	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 PATRICK AFB FL/CUCOA BEACH 07-73

STATION NAME
MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/ 79		.5	1.1															10	10	6	6	
78/ 77	.3	.3	.5	.5	1.0													16	16	15	10	
76/ 75	.6	2.6	.6	.8	1.3	.5												40	40	35	31	
74/ 73	1.9	2.4	1.3	1.9	1.9	.3												61	64	48	41	
72/ 71	2.6	3.2	1.1	2.8	1.9	1.3	.3											82	80	55	39	
70/ 69	2.9	3.9	2.6	1.0	1.9	.5												79	79	55	45	
68/ 67	1.3	3.7	1.8	.2	1.6	.2	.3											56	56	66	55	
66/ 65	1.1	3.6	2.1	1.6	.5													55	55	79	77	
64/ 63	.5	3.1	1.0	1.1	.2													36	36	39	34	
62/ 61	.2	2.8	1.3	2.3														40	40	38	34	
60/ 59	.6	3.6	1.8	.3	.2													38	38	47	43	
58/ 57	.3	2.1	2.3	.3														31	31	46	58	
56/ 55		1.3	1.5	.5	.6													24	24	37	31	
54/ 53		.6	1.1	.8	.2													17	17	26	41	
52/ 51		.2	.8	.3	.3													10	10	10	26	
50/ 49			1.5	.2	.2													13	13	13	24	
48/ 47			.5	.2														4	4	13	8	
46/ 45			.3	.2														3	3	10	12	
44/ 43																				9	7	
42/ 41																				2	8	
40/ 39				.5														3	3	1	7	
38/ 37																				6	5	
36/ 35																				3	1	
32/ 31																					2	
22/ 21																					1	
20/ 19																					618	
TOTAL	12.533	823.1	15.4	11.8	2.3	1.1												618	622	618	618	
Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature												≥ 80 F	≥ 93 F	Total		
Rel. Hum.	4355723	51259	82.91	12.991	616													≥ 73 F	≥ 93 F	Total		
Dry Bulb	2763444	41192	66.2	7.561	622													50.4	10.6	90		
Wet Bulb	2479833	38839	62.8	7.945	618													.4	32.8	8.2	90	

Element (X) Z₁ Z₂ Z₃ Z₄ Z₅ Z₆ Z₇ Z₈ Z₉ Z₁₀ Z₁₁ Z₁₂ Z₁₃ Z₁₄ Z₁₅ Z₁₆ Z₁₇ Z₁₈ Z₁₉ Z₂₀ Z₂₁ Z₂₂ Z₂₃ Z₂₄ Z₂₅ Z₂₆ Z₂₇ Z₂₈ Z₂₉ Z₃₀ Z₃₁ Mean No. of Hours with Temperature

	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆	Z ₇	Z ₈	Z ₉	Z ₁₀	Z ₁₁	Z ₁₂	Z ₁₃	Z ₁₄	Z ₁₅	Z ₁₆	Z ₁₇	Z ₁₈	Z ₁₉	Z ₂₀	Z ₂₁	Z ₂₂	Z ₂₃	Z ₂₄	Z ₂₅	Z ₂₆	Z ₂₇	Z ₂₈	Z ₂₉	Z ₃₀	Total	
Rel. Hum.	4355723	51259	82.9	12.991	016																											
Dry Bulb	2763444	41192	86.2	7.561	022																											
Wet Bulb	2479833	38839	62.8	7.945	018																											

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF EIAAC
AIR WEATHER SERVICE/MAC

STATION 12867 PATRICK AFB FL/COCOA BEACH STATION NAME
YEARS 67-76
MONTH NUV
PAGE 1 0600-0800
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1	.1												1	1		
80/ 79		.5	.4	.3	1.3	.1												20	20		
78/ 77		.5		.6	1.4	.1	.1											22	22	4	4
76/ 75	.1	1.0	.9	1.5	1.1	.6												42	42	9	8
74/ 73	1.1	2.3	.4	2.0	1.0	.8												60	60	38	23
72/ 71	1.8	1.6	1.8	2.1	1.4	1.5												81	83	46	29
70/ 69	2.5	2.5	2.4	1.8	1.3	.4	.1	.1										88	88	69	58
68/ 67	2.3	4.0	2.6	1.6	.5	.5	.5											96	96	77	55
66/ 65	1.9	2.5	1.8	1.4	.4	.1												64	64	99	84
64/ 63	.9	3.5	2.4	1.0	.4													65	65	77	78
62/ 61	.6	1.8	1.6	1.5		.3												44	44	77	59
60/ 59		2.8	1.4	1.4	.8													52	52	50	68
58/ 57	.1	2.5	1.3	1.3	.5	.1												46	46	49	65
56/ 55	.1	2.3	.9	.5	.5													34	35	57	56
54/ 53		.4	.3	2.0	.1	.1												23	23	28	37
52/ 51		.4	.8	.8	.3													17	17	28	34
50/ 49			.4	.6	.3													10	10	18	20
48/ 47			.9	.9														14	14	22	20
46/ 45			.3															2	2	9	13
44/ 43			.1															1	1	18	20
42/ 41			.4	.1														4	4	7	18
40/ 39			.4	.1														4	4	3	16
38/ 37			.4															3	3		6
36/ 35			.1															1	1	5	5
34/ 33																				3	9
32/ 31																				1	1
30/ 29																					3
28/ 27																					3
26/ 25																					2
TOTAL	11.5	28.6	21.7	21.5	11.2	4.7	.8	.1										794	797	794	794

Element (X)	Zx ²	Zx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5358177	64331	81.0	13.568	794	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3455526	52076	65.3	8.151	797			40.5	16.4	1.4	
Wet Bulb	3071467	48935	61.6	8.370	794			21.5	5.8		
TOTAL	2845371	44592	69.1	8.410	794			10.1	2.0		

Element (X)	Mean No. of Hours with Temperature										No. Obs.	
	Σ X ²	Σ X	X̄	σ _x	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total	Total
Rel. Hum.	5358177	64331	81.0	13.568							794	794
Dry Bulb	3455520	52076	65.3	8.151			40.5	16.4	1.4		797	90
Wet Bulb	3071467	48935	61.6	8.370		.1	27.5	5.8			794	90
TOTAL	2863777	46893	59.1	9.810		1.6	70.1	22.2			794	270

PSYCHROMETRIC SUMMARY

67-76

YEARS

PAGE 1

0900-1100
HOURS (L. S. T.)

☆ U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

[illegible]

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12807 STATION NAME PATRICK AFB FL/COLDA BEACH 67-76 MONTH NOV
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85					1.7	1.0	.6	.3	.3	.1								8					
84/ 83				.1	2.5	2.1	1.0	.5	.1	.1								35	35				
82/ 81			.6	1.2	2.3	2.1	1.0	.7	.1	.1								74	74				
80/ 79		.2	1.2	1.1	2.3	3.0	.9	.1	.1									79	79				
78/ 77		.2	2.4	2.9	5.0	3.2	2.4	.2	.2									146	146	12	3		
76/ 75		.9	1.4	2.7	2.6	3.6	2.0	.1	.1									121	121	49	15		
74/ 73		.3	1.9	2.6	1.1	2.5	1.7	.9	.1									99	99	86	30		
72/ 71	.1	.5	1.5	.9	2.6	2.4	1.4	1.5	.3									98	98	91	57		
70/ 69	.3		.7	.9	1.0	1.7	1.0	.6	.2	.5								61	61	132	77		
68/ 67		.2	.6	.8	.8	1.5	1.1	.5	.3	.1								52	52	95	82		
66/ 65		.1	.3	1.0	.5	.9	.8											32	32	86	90		
64/ 63			.1	.6	.5	1.0	.5	.2	.1									26	26	78	83		
62/ 61		.1	.2	.1	.5	.2	.6	.1	.1									17	17	59	60		
60/ 59					.5	.1	.7											11	11	47	74		
58/ 57					.3	.3	.3	.1										10	10	42	64		
56/ 55				.1	.3	.2												6	6	29	43		
54/ 53			.1			.1												2	2	23	37		
52/ 51		.3			.1													4	4	13	25		
50/ 49					.1	.1												1	1	20	24		
48/ 47				.1	.1													2	2	13	28		
46/ 45				.3														3	3	4	26		
44/ 43																				3	12		
42/ 41																				1	8		
40/ 39																				4	6		
38/ 37																					14		
36/ 35																					6		
34/ 33																					12		
32/ 31																					4		
30/ 29																					2		
28/ 27	.5	2.9	10.9	15.6	22.4	14.9	5.6	2.1	.9									887	887		887		
TOTAL																		887					
Element (X)	Z _X ²	Z _X	X̄	σ _X	No. Obs.	Mean No. of Hours with Temperature																TOTAL	
Rel. Hum.	3795967	56777	64.0	3.508	887	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	4854484	65358	73.7	6.303	887																		

Element (X)	Zx ²	Zx	X̄	%	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3795967	56777	64.013	508	887	≥ 0 F	≥ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F
Dry Bulb	4854484	65355	73.7	6.403	887						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12867 STATION PATRICK AFB FL/COCOA BEACH

67-76

YEARS

NOV

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE : 1974 762-610

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1	.3	.7	.1	.4	.3								9	9		
84/ 83					.3	.7	.4	.1	.1	.1								15	15		
82/ 81				.7	2.7	1.5	.4	.4	.2									53	53		
80/ 79		.6	1.0	2.4	2.7	1.9	.4	.1	.2	.1								82	82		
78/ 77	.1	1.0	1.6	1.6	3.5	2.4	.7		.2									100	100	9	6
76/ 75	.4	1.6	1.1	4.0	3.9	2.9	1.3	.2	.1									140	140	40	18
74/ 73	.7	1.0	2.1	3.4	1.6	3.8	.7	.6	.2									125	125	87	35
72/ 71	.1	.6	1.5	1.7	2.5	1.8	1.5	.7										91	91	96	58
70/ 69		.2	1.9	1.9	1.0	1.8	1.1	.7	.1	.4								82	82	115	58
68/ 67		.4	.3	1.0	1.6	2.5	1.2	.1	.2	.1								67	67	108	89
66/ 65		.2	.4	.7	1.1	1.2	.4	.1	.2									40	40	71	97
64/ 63	.1	.1		1.0	.6	.6	.1	.3	.1									26	26	95	86
62/ 61				.3	.3	.2	.7		.1									15	15	54	50
60/ 59		.2			.3	.4	.6	.3										17	17	52	71
58/ 57		.1		.1	.3	.4	.2	.1										12	12	57	71
56/ 55					.2	.3	.2											7	7	31	34
54/ 53					.1	.3												1	1	12	38
52/ 51		.2				.3												5	5	17	38
50/ 49		.1																1	1	17	25
48/ 47																		2	2	9	13
46/ 45				.2														1	1	1	10
44/ 43				.1																3	6
42/ 41																				3	10
40/ 39																					11
38/ 37																					9
36/ 35																					12
34/ 33																					5
32/ 31																					4
30/ 29																					3
28/ 27																					891
TOTAL	1.5	6.4	10.2	19.1	22.9	22.8	10.2	4.3	2.0	.7								891	891	891	
Element (X)	ΣX ²	ΣX	X	X	%	No. Obs.	Mean No. of Hours with Temperature										Total				
Rel. Hum.	4080428	53872	66.1	14.6	31	891															
Dry Bulb	4756237	64851	72.8	6.3	68	891											90				
Wet Bulb	2815475	58085	65.2	7.1	66	891											90				

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Total

$\pm 73 F$

$\pm 80 F$

$\pm 93 F$

77.2

52.9

11.0

90

46.0

13.7

90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76
STATION NAME
YEARS
MONTH NOV
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81					.1		.3											1	1			
80/ 79		.1	1.1	2.5	1.5	.1	.3											53	53			
78/ 77	.1	1.0	1.0	2.2	2.7	.2												64	64	2	2	
76/ 75	.5	1.2	1.5	2.5	3.6	1.0												91	91	30	14	
74/ 73	1.0	2.6	3.1	5.3	2.3	1.2												137	137	67	37	
72/ 71	.5	1.9	2.7	3.4	3.7	1.5	.2											123	123	80	50	
70/ 69	.3	1.2	2.5	2.7	1.6	1.7	.5	.1										94	94	91	76	
68/ 67		2.8	1.2	1.8	1.9	.8	.6											81	81	131	59	
66/ 65		.7	.7	2.2	1.7	.8	.3											56	56	69	109	
64/ 63	.1	.7	.6	2.2	2.6	.2	.5	.1										61	61	88	92	
62/ 61	.1	.1	.7	1.7	1.4	.1	.3	.1										40	40	49	68	
60/ 59		.1	.6	.3	.5	.8	.2	.2										22	22	56	53	
58/ 57			.5	.6	.5	.2	.3											18	18	51	56	
56/ 55			.5	.1	1.0	.2	.3											19	19	51	41	
54/ 53				.1	.5	.2												7	7	25	46	
52/ 51		.1		.3	.5													8	8	16	47	
50/ 49		.2			.1	.2												5	5	22	26	
48/ 47																				8	27	
46/ 45																				17	16	
44/ 43																				4	5	
42/ 41				.1	.2													3	3	3	18	
40/ 39																					11	
38/ 37																				1	8	
36/ 35																				1	5	
34/ 33																				1	5	
32/ 31																					5	
30/ 29																					4	
28/ 27																					1	
26/ 25																					1	
22/ 21																					1	
TOTAL	2.6	12.9	16.5	28.0	26.3	9.4	3.4	.9										883	883	883	883	
Element (X)	Z _x ²	Z _x										X	No. Obs.	Mean No. of Hours with Temperature						Total		
Ref. Hum.	4827806	64206										72.7	83.3	≥ 73 F						≥ 93 F	Total	
Dry Bulb	4329320	61554										69.7	88.3	≥ 67 F						≥ 93 F	Total	

DATA PROCESSING BRANCH
USAF EIA
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12867 PATRICK AFB FL/CDCNA BEACH 67-74 YEARS MONTH DEC
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Wet Bulb	Dew Point
78/ 77	.5	.8	.2	1.8	1.1	.2												1	27	3
76/ 75	.2	1.6	1.0	2.3	1.0	.2	.3											40	46	6
74/ 73	1.6	2.1	2.0	2.7	1.6	.6	.5											73	75	31
72/ 71	1.3	1.9	3.7	1.9	1.0	.2			.2									63	70	27
70/ 69	1.4	2.3	2.7	1.3	.3	.2												51	55	38
68/ 67	2.1	4.2	1.0	.3	1.4													60	60	64
66/ 65	.8	3.9	1.9	1.1	.8													53	53	69
64/ 63	1.8	1.6	2.3	.8														40	40	55
62/ 61	.2	1.8	1.1	.3	.2													22	22	45
60/ 59	1.0	2.9	1.8	.5	.2													25	25	32
58/ 57	.2	2.9	1.0	1.4	.3	.3												39	41	34
56/ 55	.2	2.9	1.0	1.4	.3	.3												36	36	41
54/ 53	.2	2.9	1.0	1.4	.3	.3												26	26	36
52/ 51	.2	.0	1.8	1.0	.3	.2												26	26	37
50/ 49		.5	.2	.3	.8													11	11	24
48/ 47		.5	.3	.5	.5													12	12	15
46/ 45		.6	.3	.3	.5													5	5	15
44/ 43		.3	.3	.3														5	5	20
42/ 41		.3	.3	.3														3	3	10
40/ 39		.3	.3	.3														1	1	3
38/ 37		.3	.3	.3														2	2	3
36/ 35		.3	.3	.3																
34/ 33		.3	.3	.3																
32/ 31		.3	.3	.3																
30/ 29		.3	.3	.3																
28/ 27		.3	.3	.3																
26/ 25		.3	.3	.3																
TOTAL	11.129	827.518	011.0	1.6	.8				.2									621	642	621

Mean No. of Hours with Temperature

Element (X)	ZX ²	ZX	X	X ²	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4227330	50566	81.4	13.314	621	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F
Dry Bulb	2602647	40497	63.1	8.964	642						
Wet Bulb	224007	36907	59.4	8.881	642						

DATA PROCESSING BRANCH
USAF AFAC
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PSYCHROMETRIC SUMMARY

12847 STATION PATRICK AFB FL/COLLOA BEACH 67-73 YEARS DEC MONTH 0300-0500 HOURS (L. S. T.)

PAGE 1

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75	.5	.8	.2	1.0	.2	.5	.2	.3											15	15	3	3	
74/ 73	.2	1.2	.5	2.0	.5	.8	.2	.8											33	33	9	4	
72/ 71	1.2	1.2	1.0	2.3	.5	.8	.2	.8											45	51	17	15	
70/ 69	1.8	1.7	2.5	1.5	.5	1.0	.3	.5	.2										52	60	29	22	
68/ 67	2.3	3.3	3.3	1.5	.3	.3	.5												68	78	57	32	
66/ 65	1.7	5.0	1.5	1.5	.2	.2	.2												59	66	67	57	
64/ 63	2.2	4.0	.7	1.8	.2	.2	.2												54	54	71	71	
62/ 61	.8	2.6	2.0	.5	.2	.2	.2												37	37	52	50	
60/ 59	.5	2.2	1.0	.7	.3	.3	.3												27	27	43	39	
58/ 57		2.3	1.5			.3													25	25	28	36	
56/ 55	.5	2.3	2.3	.3	.3	.3													35	38	25	36	
54/ 53	.7	3.3	2.2	.7															41	41	47	39	
52/ 51	.3	1.3	1.3	.2	.3	.3	.3												21	21	31	41	
50/ 49		.2	3.1	1.3	.3	.3	.2												31	31	25	30	
48/ 47		.3	.5	1.7	.5	.5	.5												18	18	13	17	
46/ 45	.5	.5	.7	.5	.3	.3	.3												15	15	24	18	
44/ 43		.3		1.7	.2		.2												13	13	12	15	
42/ 41		.2	.5	.2															5	5	18	13	
40/ 39	.2	.2	.5	.5															5	5	13	7	
38/ 37			.3																2	2	11	14	
36/ 35			.3																3	3	4	9	
34/ 33																					2	5	
32/ 31																					3	10	
30/ 29																						3	
28/ 27																						13	
26/ 25																						2	
24/ 23																						3	
TOTAL	12.232	826.0	19.9	4.8	2.0	1.2	.2												604	638	604	604	

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	4228020	49888	82.61	13.350	664	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	Total
Dry Bulb	2477491	39349	61.7	8.914	638			34.5	7.0		93

Mean No. of Hours with Temperature

No. Obs.

°F

73 F

80 F

93 F

Total

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION PATRICK AFB FL/COCOA BEACH 07-76 YEARS MONTH DEC
PAGE 1 0600-0800
HOURS (L. S. T.)

J Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1	.3	.4											1	1		
76/ 75	.3	.9	.3	.1	.5	.5	.5											21	21	2	2
74/ 73	.1	.9	.4	.9	.4	.5	.5	.1										30	30	9	5
72/ 71	.9	1.6	1.5	1.3	.6	.1	.6											53	56	24	17
70/ 69	1.5	2.7	3.0	1.9	.6	.1												78	88	32	27
68/ 67	1.5	2.8	3.3	.6	.6	.1					.1							72	81	65	41
66/ 65	.9	4.7	3.3	1.9	.1													86	95	70	55
64/ 63	2.8	4.2	1.9	1.4	.3													83	85	105	90
62/ 61	.4	1.4	1.0	.9	.1													30	30	78	62
60/ 59	.5	3.2	1.0	.6														42	42	58	61
58/ 57	.1	2.5	.6	.5														30	33	43	55
56/ 55	.3	2.4	2.5	.8														47	47	36	64
54/ 53	.4	2.0	2.7	1.0	.3													50	50	39	41
52/ 51	.6	1.4	2.0	.6	.6													42	42	36	38
50/ 49		.4	1.9	1.5	.3	.1												33	33	40	27
48/ 47		.5	.9	1.3	.4	.4												27	27	32	29
46/ 45	.4	1.0	1.3	.1	.5													26	26	22	30
44/ 43			.8	.5	.1													9	9	34	24
42/ 41			.8	.5	.1													11	11	16	13
40/ 39		.3	.5	.4														9	9	15	12
38/ 37			.3	.1														3	3	14	25
36/ 35			.3															2	2	8	21
34/ 33			.4															3	3	7	5
32/ 31																					6
30/ 29																				3	7
28/ 27																					12
26/ 25																					10
24/ 23																					3
TOTAL	10.732	930.5	17.0	5.6	1.6	1.5	.1				.1							788	824	788	788
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	5406545	64435	81.8	3.226	788	≥ 0 F.	≥ 32 F.	≥ 67 F.	≥ 73 F.	≥ 80 F.	≥ 93 F.	Total									
Dry Bulb	3147887	50379	61.0	9.072	788																

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 12807 PATRICK AFB FL/COCOA BEACH 67-76 YEARS MONTH DEC
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81			.1	.2		.2	.1		.1									7	7					
80/ 79			.2	.5	.3	.8	.2											22	22					
78/ 77		.1	1.0	.9	.9	.3	.5	.2										36	36	1				
76/ 75		1.1	1.9	2.6	1.2	1.1	.5	.4										81	81	8	3			
74/ 73	.2	1.9	2.3	2.1	1.9	.4	.7	.2										86	89	33	19			
72/ 71	.1	1.6	2.4	3.5	1.5	1.0												93	98	57	34			
70/ 69	.3	3.0	3.8	2.2	1.3	.2												99	101	88	53			
68/ 67	.2	2.0	3.0	1.8	1.1	.2	.2											77	79	101	68			
66/ 65	.2	1.4	.9	2.0	1.0	.2	.1	.1										54	54	100	87			
64/ 63	.1	2.0	.9	1.4	.9	.2												50	51	88	76			
62/ 61	.1	1.3	1.2	1.5	.5	.3	.2	.1										49	49	69	89			
60/ 59		1.3	1.2	1.3	.9	.3	.4	.1										51	53	47	49			
58/ 57		1.1	1.0	1.0	1.1	.3	.2											49	49	54	58			
56/ 55		1.0	.5	1.5	.7	.4												38	38	37	67			
54/ 53		.2	1.5	.5	.4	.2	.4											31	31	41	50			
52/ 51	.1	.3	.3	.9	.1	.4	.1											18	18	29	26			
50/ 49	.1	.2	1.0	.9	.4	.4												23	28	44	30			
48/ 47			.3	.7	.2	.4												15	15	28	29			
46/ 45			.7	.4	.1	.1												12	12	23	24			
44/ 43			.3		.1													4	4	19	24			
42/ 41			.2	.2	.1													5	5	18	23			
40/ 39			.1	.1	.1													2	2	14	22			
38/ 37			.1	.1														2	2	5	16			
36/ 35			.1															1	1	5	17			
34/ 33																				1	10			
32/ 31																				2	11			
30/ 29																					6			
28/ 27																					6			
26/ 25																					7			
24/ 23																					5			
22/ 21																					1			
INITIAL	1.518	225.427	.014	.9	7.8	3.8	1.2	.1										912	925	912	912			
Element (X)	2x ²	2x	x	x ²	No. Obs.											Mean No. of Hours with Temperature								
Rel. Hum.	5169460	67462	74.0	14.025	912											≥ 80 F					Total			
Dry Bulb	4068824	60798	65.7	18.871	925											≥ 73 F					≥ 93 F		Total	
																51.6					1.1		93	
																							91	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12857 STATION PATRICK AFB FL/COCOA BEACH 07-76 YEARS MONTH DEC
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.2	.2									2	2	8	
84/ 83								.5	.1									20	20	1	1
82/ 81		.1	.1	.4		.5	.3	.7										75	75		
80/ 79			.7	2.2	1.4	2.6	.7		.2									81	81	1	1
78/ 77		.1	1.6	1.6	2.6	1.5	.7	.4										115	115	14	2
76/ 75		.3	2.2	4.8	2.1	1.0	1.0	.5										88	89	53	18
74/ 73		.8	1.2	4.0	2.4	.5	.7		.1									94	94	93	44
72/ 71	.1	.2	2.2	2.9	2.1	2.4	.1		.1									98	100	106	58
70/ 69	.4	.8	1.7	1.4	3.4	1.8	.5	.3	.1	.1								59	59	115	80
68/ 67	.3	.1	1.4	.9	2.2	.5	.4	.3	.2									52	53	74	99
66/ 65	.1	.3	.7	1.6	.9	.9	.4	.7	.1									53	53	75	83
64/ 63	.1	.3	.4	1.0	1.4	1.1	.9	.4	.1									43	43	86	57
62/ 61	.1	.3	.3	.2	2.1	.5	.3	.8										30	30	48	47
60/ 59		.3	.3	.2	1.2	.4	.4	.2	.1									34	34	29	62
58/ 57		.3	.3	.4	.9	.7	.5	.4	.1									29	29	41	79
56/ 55		.3		1.2	.4	.2	.5	.4										14	14	43	44
54/ 53			.3	.3	.2	.3	.2	.2	.2									14	14	33	16
52/ 51						.1												4	4	33	27
50/ 49			.1	.1	.1	.1												2	2	28	27
48/ 47				.2														3	3	13	31
46/ 45						.1												1	1	14	27
44/ 43					.1													1	1	17	21
42/ 41					.1															2	18
40/ 39																				3	15
38/ 37																				3	10
36/ 35																					9
34/ 33																					14
32/ 31																					4
30/ 29																					7
28/ 27																					6
26/ 25																					7
24/ 23																					3
22/ 21																					2
20/ 19																					
Element (X)	Σ X ²	Σ X				X				No. Obs.				Mean No. of Hours with Temperature				≥ 80 F	≥ 73 F	≥ 67 F	Total
Rel. Hum.																		≥ 80 F	≥ 73 F	≥ 67 F	Total
Dry Bulb																		≥ 80 F	≥ 73 F	≥ 67 F	Total
Wet Bulb																		≥ 80 F	≥ 73 F	≥ 67 F	Total

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 PATRICK AFB FL/COCOA BEACH

07-76

DEC

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

HOURS (L. S. T.)

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610																									
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		D.B./W.B.	TOTAL		Wet Bulb	Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0-8/W.B.		≥ 93 F					
86/ 85							.2		.1									2		2					
84/ 83							.2		.1	.1								4		4					
82/ 81				.3		.4	.4											12		12					
80/ 79			.7	1.2	1.7	.8	.3		.1	.2								46		46					
78/ 77			1.4	3.9	2.0	1.1	.8		.2									57		57					
76/ 75		1.6	2.4	3.7	2.0	1.1	.8		.4									112		112	9		4		
74/ 73		2.1	4.0	3.7	2.9	1.3	.8											122		122	25		15		
72/ 71	.1	.5	2.7	2.9	1.2	2.0	.1											88		88	93		45		
70/ 69	.1	.8	2.6	2.9	3.6	1.8	.4		.3	.1								117		117	98		70		
68/ 67	.8	.2	1.4	2.1	1.4	1.0	.8		.4	.2								76		76	106		96		
66/ 65		.5	1.1	1.3	.9	.5	.2		.2	.2								46		46	77		69		
64/ 63	.1	.2	.5	1.1	1.4	1.2	.5		.8	.1								55		55	86		80		
62/ 61		.8	.8	.3	2.0	1.2	.2		.4	.3								35		35	89		64		
60/ 59	.3	.2	.2	.3	1.3	1.3	.3		.8	.2								44		44	49		62		
58/ 57		.2	.4	.7	.8	.8	.4		.4	.2								29		29	36		79		
56/ 55		.4	.4	1.0	.8	.4	.1		.3	.1								33		33	31		58		
54/ 53				.5	.1	.1	.3		.1									11		11	44		37		
52/ 51				.2	.2	.1	.2											7		7	43		18		
50/ 49				.1	.1	.1												3		3	34		26		
48/ 47					.1	.1												1		1	24		23		
46/ 45					.1	.1												2		2	24		32		
44/ 43																					8		24		
42/ 41																					11		31		
40/ 39																					2		14		
38/ 37																					3		11		
36/ 35																							13		
34/ 33																							10		
32/ 31																							9		
30/ 29																							7		
28/ 27																							8		
26/ 25																							2		
24/ 23																							3		
22/ 21																							3		
20/ 19																							4		
Element (X)	Σ X																Σ X		Mean No. of Hours with Temperature				No. Obs.		
Rel. Hum.																					≥ 80 F	≥ 93 F		Total	
Dry Bulb																					≥ 73 F	≥ 67 F			
Wet Bulb																									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION	STATION NAME
12867	PATRICK AFB FL/COCOA BEACH

627-78

STATION NAME

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)

[illegible]

DATA PROCESSING BRANCH
USAF E IAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION NAME PATRICK AFB FL/COCOA BEACH 67-76 YEARS MONTH DEC
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
82/ 81				.1	.1													2	2				
80/ 79			.1	.2	.2													5	5				
78/ 77		.2	.3	.5	.9													18	18				
76/ 75		1.6	1.4	1.0	.8	.7	.5											55	55	4			
74/ 73	.1	2.8	3.1	2.9	1.4	.9	.3											106	110	28			
72/ 71	.4	2.8	4.8	3.7	1.3	.8	.3											130	131	61			
70/ 69	.4	2.1	5.0	2.1	1.6	.3	.1											107	108	85			
68/ 67	1.2	.9	3.5	2.5	1.3	.8												93	93	113			
66/ 65	.2	.9	2.0	2.5	.5	.3	.2											61	61	96			
64/ 63	.3	1.3	.5	1.3	.7	.4												42	42	84			
62/ 61	.2	1.6	1.5	1.3	.8	.3	.1											54	54	85			
60/ 59	.2	1.2	1.4	1.6	1.1	.1	.2	.1										53	53	58			
58/ 57	.1	.7	.5	1.7	2.2	.5	.4	.1										58	58	43			
56/ 55		.2	1.0	1.7	1.4	1.0												49	49	37			
54/ 53			.7	1.2	1.1	.7	.2											35	35	35			
52/ 51		.2	.8	.7	.7	.3	.2	.1										27	27	43			
50/ 49			.2	.1	.1	.4												8	8	46			
48/ 47		.2	.1	.3	.1	.2												9	9	34			
46/ 45			.1															1	1	32			
44/ 43					.1													1	1	11			
42/ 41					.2													2	2	10			
40/ 39																				7			
38/ 37																				1			
36/ 35																				2			
34/ 33																				1			
32/ 31																				1			
30/ 29																				1			
28/ 27																				10			
26/ 25																				3			
24/ 23																				4			
22/ 21																				1			
TOTAL	3.116	827.125	716.6	7.8	2.7	.3												916	922	916			

Element (X)	Σx ²	Σx	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5248855	68137	74.4	916	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	4063400	60818	66.0	922			52.7	19.2	.2	
Wet Bulb	3471450	55854	61.0	916			29.5	3.2		
TOTAL	3108774	62106	67.2	916			11.4	1.2		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12857
STATION

PATRICK AFB FL/COCOA BEACH
STATION NAME

YEARS

67-73

PAGE 1

2100-2300
HOURS (L. S. T.)

DEC
MONTH

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

J	Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
80/ 79				.2	.1	.2													3	3				
78/ 77			.2		.2														6	6				
76/ 75	.1	1.2	.8	1.7	.7	.7	.6	.3											48	48	5			
74/ 73	.4	2.0	2.5	1.7	1.3	1.3	.7	.1											79	86	16			
72/ 71	.3	2.5	3.5	3.6	1.2	1.2	.4	.2											108	110	47			
70/ 69	.9	2.8	4.7	3.2	1.0	.7													120	122	73			
68/ 67	1.0	3.2	1.8	2.5	.7		.1												84	85	102			
66/ 65	.7	2.3	2.2	1.1	.8														64	64	121			
64/ 63	.4	2.0	1.7	1.2	.6	.3													56	56	79			
62/ 61	.7	1.5	1.2	1.3	.6														48	48	74			
60/ 59	.9	1.7	1.7	1.2	.1														35	35	51			
58/ 57	.7	1.7	2.4	1.0	.3	.1													54	54	40			
56/ 55	.1	1.3	1.5	1.5	.7	.7	.1												54	54	58			
54/ 53	.4	2.4	2.4	1.7	.8	.4													52	52	51			
52/ 51	.1	.2	1.0	2.2	1.0	.3	.2												46	46	29			
50/ 49	.2	.7	.3	.7	.7														23	23	36			
48/ 47	.6	.3	.2	.6	.1														16	16	35			
46/ 45	.1	.1																	1	1	43			
44/ 43	.1	.6																	6	6	14			
42/ 41																					14			
40/ 39				.1	.1														2	2	15			
38/ 37				.1															1	1				
36/ 35																								
34/ 33																					2			
32/ 31																					1			
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																					3			
TOTAL		5.22	3.22	9.42	5.11	1.1	5.0	1.1											906	918	906			

Element (X)	Σ X ²	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5646827	70513	77.81	3.250	906	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3860824	59066	64.3	8.116	918				46.6	14.5		93
Wet Bulb	3339403	54627	60.1	8.704	906			1	24.9	2.2		93

Mean No. of Hours with Temperature

No. Obs.

°s

K

°x

°x

°x

Element (X)

Rel. Hum. 5646827 70513 77.813 2.250 906

Dry Bulb 3860824 59066 64.3 8.116 918

Wet Bulb 3339603 54437 69.1 8.704 906

FORM 64

0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12867 PATRICK AFB FL/COCOA BEACH 07-76

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	62.2	58.7	64.6	70.3	74.2	77.2	78.9	78.4	79.3	75.7	66.2	63.1	70.5
S D	8.164	7.589	6.346	4.046	2.765	2.653	2.096	2.486	2.358	4.424	7.561	8.664	9.054
TOTAL OBS	729	665	741	673	647	627	648	647	621	647	622	642	7909
MEAN	61.0	57.6	63.1	68.8	72.9	76.2	78.0	77.7	78.5	74.8	65.0	61.7	69.4
S D	8.376	8.079	6.724	4.241	3.190	2.571	1.984	2.407	2.388	4.659	7.733	8.914	9.323
TOTAL OBS	723	671	740	673	649	629	649	648	626	647	626	638	7919
MEAN	60.5	58.0	63.8	69.5	74.4	77.8	79.1	79.2	79.2	74.8	65.3	61.1	70.6
S D	8.661	8.361	7.067	4.487	3.445	2.851	2.356	2.613	2.827	4.856	8.151	9.072	9.710
TOTAL OBS	848	780	895	868	921	880	928	910	892	910	797	824	10462
MEAN	64.9	63.3	69.3	74.8	79.4	82.1	83.6	83.5	83.1	78.6	70.3	65.7	75.0
S D	8.862	8.505	7.245	4.634	3.110	3.118	2.419	2.488	2.984	4.225	7.576	8.871	9.506
TOTAL OBS	914	831	920	894	923	894	924	922	889	924	890	925	10850
MEAN	69.1	67.5	72.3	77.0	80.8	83.5	84.9	84.9	84.6	80.5	73.7	69.7	77.4
S D	8.278	7.786	6.735	4.880	3.650	3.564	2.911	2.664	2.941	3.647	6.603	7.789	8.409
TOTAL OBS	912	835	925	894	921	890	925	920	892	921	887	924	10846
MEAN	68.6	67.1	71.7	76.4	79.6	82.1	83.6	83.4	83.4	79.4	72.8	69.2	76.5
S D	7.844	7.421	6.566	4.889	3.623	4.008	3.359	3.441	3.039	3.527	6.368	7.125	8.054
TOTAL OBS	911	831	922	894	918	891	922	904	892	917	891	924	10817
MEAN	65.3	63.9	68.8	73.6	77.1	79.7	80.9	81.0	81.2	77.0	69.7	66.0	73.8
S D	7.534	7.294	6.146	4.398	3.013	3.246	3.064	2.843	2.630	3.574	6.598	7.489	8.189
TOTAL OBS	909	834	916	892	914	887	922	915	889	923	883	922	10806
MEAN	63.5	61.0	66.9	72.1	75.8	78.5	79.5	79.7	80.2	76.3	68.1	64.3	72.0
S D	7.870	7.412	6.061	4.051	2.708	2.718	2.501	2.590	2.568	3.952	7.142	8.116	8.553
TOTAL OBS	906	828	892	840	833	805	835	826	808	841	893	918	10225
MEAN	64.6	62.5	67.8	73.1	77.0	79.9	81.3	81.2	81.4	77.3	69.2	65.4	73.4
S D	8.737	8.614	7.401	5.351	4.191	4.004	3.596	3.674	3.465	4.558	7.809	8.741	9.261
TOTAL OBS	6852	6275	6951	6628	6726	6512	6753	6692	6509	6730	6489	6717	79836

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12867 PATRICK AFB FL/COCOA BEACH 67-76

STATION STATION NAME YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	59.3	55.2	61.1	65.6	69.3	73.8	75.0	75.4	74.6	70.8	62.8	59.4	66.7
S D	9.001	8.297	7.187	5.248	3.558	2.104	1.678	1.915	2.352	4.440	7.945	9.031	9.119
TOTAL OBS	729	665	741	671	647	627	647	644	621	638	618	621	7870
MEAN	58.4	54.5	60.3	65.0	68.8	73.4	74.7	75.0	74.2	70.3	61.8	58.2	66.0
S D	9.362	8.847	7.669	5.351	3.702	2.072	1.556	1.905	2.343	4.628	8.187	9.415	9.466
TOTAL OBS	723	671	740	673	649	627	649	644	626	631	618	604	7855
MEAN	57.8	54.9	60.6	65.0	69.8	74.0	75.2	75.6	74.6	69.7	61.6	57.6	66.7
S D	9.480	9.084	7.812	5.357	3.561	2.247	1.916	1.995	2.514	5.010	8.370	9.522	9.562
TOTAL OBS	847	780	895	868	921	889	928	909	890	899	794	788	10408
MEAN	60.5	57.8	63.1	67.1	71.7	75.8	77.2	77.5	76.3	71.5	64.3	60.6	68.7
S D	9.446	9.061	7.889	5.420	3.467	2.194	1.841	1.871	2.538	4.694	7.925	9.214	9.281
TOTAL OBS	914	831	920	894	922	894	924	922	889	924	890	912	10836
MEAN	62.3	59.5	64.2	67.9	72.2	76.4	77.8	78.1	76.8	72.0	65.5	62.5	69.7
S D	8.733	8.570	7.386	5.357	3.533	2.290	1.983	1.930	2.411	4.617	7.310	8.560	8.702
TOTAL OBS	912	835	925	894	921	899	925	920	892	921	887	919	10841
MEAN	62.0	59.6	64.2	67.7	71.9	75.6	77.0	77.2	76.2	71.4	65.2	62.4	69.2
S D	8.416	8.209	6.978	5.227	3.534	2.527	2.321	2.367	2.485	4.494	7.346	8.343	8.409
TOTAL OBS	911	840	922	894	918	891	922	903	892	917	891	922	10813
MEAN	60.6	58.4	63.1	66.7	70.9	74.4	75.5	76.0	75.2	70.5	64.1	61.0	68.1
S D	8.524	8.181	6.902	5.407	3.417	2.363	2.321	2.183	2.408	4.542	7.526	8.474	8.450
TOTAL OBS	909	834	916	892	914	886	921	913	887	923	883	916	10794
MEAN	60.0	57.3	62.4	66.2	70.4	74.0	75.0	75.6	74.9	70.5	63.4	60.1	67.3
S D	8.644	8.245	6.892	5.342	3.346	2.168	2.113	2.099	2.409	4.499	7.675	8.704	8.707
TOTAL OBS	906	828	892	840	833	805	835	823	808	841	892	906	10209
MEAN	60.2	57.3	62.5	66.5	70.7	74.8	76.0	76.4	75.4	70.9	63.7	60.4	67.9
S D	9.061	8.765	7.480	5.441	3.685	2.480	2.302	2.310	2.598	4.678	7.869	9.021	9.028
TOTAL OBS	6851	6274	6951	6626	6725	6509	6751	6678	6505	6695	6473	6588	79626

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

MEANS AND STANDARD DEVIATIONS

UFW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12867

PATRICK AFB FL/CDCOA BEACH

STATION

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	56.9	52.1	58.7	62.7	66.7	72.4	73.4	74.2	72.6	68.4	60.6	56.8	64.4
S D	11.004	10.269	8.887	7.053	4.846	2.363	2.067	2.103	3.084	5.411	9.325	10.615	10.353
TOTAL OBS	729	665	741	671	647	627	647	644	621	639	618	621	7870
MEAN	56.2	51.7	58.1	62.5	66.6	72.2	73.4	74.0	72.4	68.1	59.7	55.7	64.0
S D	11.695	10.919	9.524	7.175	4.835	2.335	1.868	2.097	3.114	5.624	9.663	10.986	10.761
TOTAL OBS	723	671	740	673	649	627	649	644	626	631	618	604	7855
MEAN	55.5	52.2	58.2	62.1	67.4	72.4	73.5	74.1	72.6	66.9	59.1	55.0	64.4
S D	11.494	11.050	9.597	7.284	4.537	2.599	2.369	2.436	3.093	6.282	9.810	11.126	10.716
TOTAL OBS	847	780	895	868	921	889	928	909	890	899	794	788	10408
MEAN	57.1	53.3	58.7	62.5	67.8	73.2	74.7	75.1	73.5	67.8	60.3	56.8	65.2
S D	11.732	11.638	10.372	7.650	4.913	2.511	2.348	2.389	3.153	6.264	9.780	11.297	10.895
TOTAL OBS	914	831	920	894	922	894	924	922	889	924	890	912	10836
MEAN	57.4	53.2	58.7	62.5	67.9	73.4	75.0	75.5	73.6	67.6	60.3	57.2	65.3
S D	11.521	12.049	10.562	7.824	5.099	2.646	2.662	2.464	3.091	6.499	9.809	11.640	11.036
TOTAL OBS	912	835	925	894	921	899	925	920	892	921	887	919	10841
MEAN	57.2	53.6	59.1	62.6	68.1	72.9	74.3	74.7	73.2	67.3	60.3	57.4	65.1
S D	11.500	11.620	9.984	7.737	5.062	2.833	2.794	2.671	3.093	6.312	10.047	11.636	10.752
TOTAL OBS	911	830	922	894	918	891	922	903	892	917	891	922	10813
MEAN	57.2	53.9	59.1	62.4	67.7	72.1	73.3	73.9	72.7	67.1	60.2	57.2	64.8
S D	11.020	10.849	9.491	7.784	4.828	2.706	2.724	2.599	3.008	6.136	9.696	10.893	10.249
TOTAL OBS	909	834	916	892	914	884	921	913	887	923	883	916	10794
MEAN	57.1	53.6	59.3	62.5	67.5	72.1	73.2	73.9	72.6	67.5	60.3	56.9	64.5
S D	10.627	10.476	8.852	7.391	4.615	2.597	2.538	2.492	3.067	5.847	9.426	10.596	10.161
TOTAL OBS	906	828	892	840	833	805	835	823	808	841	892	906	10209
MEAN	56.9	53.0	58.8	62.5	67.5	72.6	73.9	74.5	72.9	67.5	60.1	56.7	64.8
S D	11.338	11.171	9.707	7.517	4.870	2.641	2.561	2.502	3.117	6.116	9.716	11.153	10.634
TOTAL OBS	6851	6274	6951	6626	6725	6509	6751	6678	6505	6695	6473	6588	79626

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION 12867 PATRICK AFB FL/COCOA BEACH 67-76 PERIOD ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.3	98.1	94.9	86.0	69.8	47.5	21.5	77.7	6851
FEB		100.0	100.0	99.3	96.5	90.4	77.8	60.3	38.1	13.7	73.3	6274
MAR		100.0	100.0	99.3	97.3	91.5	79.9	64.7	43.1	16.5	75.0	6951
APR		100.0	100.0	99.5	98.0	90.7	73.9	55.6	31.4	10.0	71.5	6626
MAY		100.0	100.0	100.0	99.3	96.6	85.8	64.7	31.7	5.7	73.9	6725
JUN		100.0	100.0	100.0	100.0	99.1	97.1	83.1	46.9	10.5	79.5	6509
JUL		100.0	100.0	100.0	100.0	99.7	97.5	84.0	46.9	6.4	79.1	6751
AUG		100.0	100.0	100.0	100.0	100.0	99.0	85.4	54.2	14.8	80.9	6678
SEP		100.0	100.0	100.0	100.0	99.9	95.6	73.1	35.1	4.7	76.3	6505
OCT		100.0	100.0	100.0	99.7	96.6	82.1	59.8	30.9	8.3	73.3	6695
NOV		100.0	100.0	99.8	98.8	94.4	81.6	60.6	38.0	18.1	74.9	6473
DEC		100.0	100.0	99.6	97.7	94.2	83.6	65.7	41.1	16.8	75.7	6588
TOTALS		100.0	100.0	99.7	98.8	95.7	86.7	68.9	40.4	12.3	75.9	79626

RELATIVE HUMIDITY

MONTH
JAN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JAN	00-02	100.0	100.0	99.3	99.3	98.1	94.0	81.9	64.6	34.2	83.5	729
	03-05	100.0	100.0	99.4	99.0	98.1	93.4	83.3	68.9	44.4	84.9	723
	06-08	100.0	100.0	99.0	99.6	98.8	93.6	84.9	63.4	39.0	84.5	847
	09-11	100.0	100.0	99.8	98.8	96.0	87.9	69.7	43.8	15.3	76.9	914
	12-14	100.0	99.9	98.7	95.8	88.0	69.4	45.3	19.2	3.0	67.6	912
	15-17	100.0	99.8	97.6	95.0	86.9	70.4	49.2	23.3	4.7	68.5	911
	18-20	100.0	100.0	99.1	97.8	95.2	86.8	67.4	45.1	14.1	76.0	909
	21-23	100.0	100.0	100.0	99.1	97.4	92.1	76.6	51.3	18.9	79.4	906
TOTALS		100.0	100.0	99.3	98.1	94.9	86.0	69.8	47.5	21.5	77.7	6851

RELATIVE HUMIDITY

DESIGN

FEB

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
FEB	00-02	100.0	100.0	100.0	99.4	97.0	90.8	78.0	52.0	20.0	79.5	665
	03-05	100.0	100.0	100.0	99.3	96.7	91.2	80.6	59.6	28.0	81.6	671
	06-08	100.0	100.0	100.0	99.7	97.1	92.9	80.1	58.3	26.4	81.6	780
	09-11	100.0	100.0	99.8	97.2	92.2	76.2	52.5	29.2	8.3	71.0	831
	12-14	100.0	100.0	97.1	90.2	78.4	52.6	29.2	13.7	2.9	61.9	835
	15-17	100.0	99.9	97.3	90.2	78.1	58.4	37.5	17.1	4.1	63.8	830
	18-20	100.0	100.0	99.9	96.9	88.4	75.2	57.6	32.3	6.8	71.3	834
	21-23	100.0	100.0	100.0	98.7	95.0	85.0	67.0	42.8	12.7	75.9	828
TOTALS		100.0	100.0	99.3	96.5	90.4	77.8	60.3	38.1	13.7	73.3	6274

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

12867	PATRICK AFB FL/COCOA BEACH	67-76	PERIOD	MONTH	MAR
STATION	STATION NAME				

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
MAR	00-02	100.0	100.0	100.0	99.9	98.5	91.4	83.5	63.7	23.3	81.9	741
	03-05	100.0	100.0	100.0	99.1	97.3	93.4	84.5	69.9	38.0	84.5	740
	06-08	100.0	100.0	100.0	99.7	98.0	92.4	82.6	64.2	30.6	82.9	895
	09-11	100.0	100.0	99.7	97.4	90.9	72.8	52.5	26.3	6.7	70.3	920
	12-14	100.0	100.0	97.8	93.1	78.1	60.6	37.2	16.4	2.6	64.0	925
	15-17	100.0	99.9	97.8	93.5	81.1	65.0	44.7	21.9	4.0	66.3	922
	18-20	100.0	100.0	99.3	96.4	90.9	77.2	60.8	36.2	10.2	72.8	916
	21-23	100.0	100.0	100.0	99.6	97.1	86.3	71.9	46.3	16.3	77.3	892
TOTALS		100.0	100.0	99.3	97.3	91.5	79.9	64.7	43.1	16.5	75.0	6951

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867	NOV 15
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PATRICK AFB FL/COCOA BEACH

67-76

QUESTION

MAY

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.5	94.0	78.5	47.4	6.6	78.1	647
	03-05	100.0	100.0	100.0	99.8	99.4	95.2	84.1	60.1	16.5	81.1	649
	06-08	100.0	100.0	100.0	100.0	99.5	94.4	83.0	49.6	11.0	79.2	921
	09-11	100.0	100.0	100.0	99.3	94.9	77.0	44.9	10.4	1.0	68.4	922
	12-14	100.0	100.0	99.9	97.7	89.3	68.0	36.9	9.3	1.3	65.9	921
	15-17	100.0	100.0	99.9	98.4	92.9	77.1	48.7	15.4	2.2	68.9	918
	18-20	100.0	100.0	99.8	99.5	97.6	88.4	65.8	26.1	3.1	73.4	914
	21-23	100.0	100.0	100.0	100.0	99.3	92.6	75.4	35.4	3.5	76.0	833
TOTALS		100.0	100.0	100.0	99.3	96.6	85.8	64.7	31.7	5.7	73.9	6725

RELATIVE HUMIDITY

JUN
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.8	98.1	75.9	17.1	85.1	627
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	85.5	29.7	87.5	627
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.1	66.9	16.4	83.7	889
	09-11	100.0	100.0	100.0	100.0	100.0	97.1	72.4	20.2	2.7	74.9	894
	12-14	100.0	100.0	100.0	100.0	99.7	90.2	56.5	14.5	1.5	72.0	890
	15-17	100.0	100.0	100.0	99.9	98.8	91.9	66.3	23.5	3.4	74.2	891
	18-20	100.0	100.0	100.0	100.0	99.9	98.1	83.5	35.4	5.1	77.9	886
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	92.9	52.3	8.3	80.9	805
TOTALS		100.0	100.0	100.0	100.0	99.7	97.1	83.1	46.9	10.5	79.5	6509

RELATIVE HUMIDITY

STATION NAME
PATRICK AFB FL/COCOA BEACH

67-76

OPTIONAL FORM NO. 10

DATE

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.6	26.9	87.1	644
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.8	90.5	38.2	88.6	644
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	95.5	70.4	25.4	84.5	909
	09-11	100.0	100.0	100.0	100.0	100.0	98.7	74.3	27.4	3.0	75.9	922
	12-14	100.0	100.0	100.0	100.0	99.8	97.0	62.7	20.8	1.2	73.8	920
	15-17	100.0	100.0	100.0	100.0	100.0	96.8	68.7	27.6	4.0	75.5	903
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	86.5	44.8	6.8	79.2	913
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.3	65.1	12.5	82.7	823
TOTALS		100.0	100.0	100.0	100.0	100.0	99.0	85.4	54.2	14.8	80.9	6678

RELATIVE HUMIDITY

435

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	97.9	87.0	24.8	7.2	621
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	88.3	64.9	12.3	626
	06-08	100.0	100.0	100.0	100.0	100.0	98.8	88.1	53.4	9.7	890
	09-11	100.0	100.0	100.0	100.0	99.9	94.2	63.4	13.6	1.3	889
	12-14	100.0	100.0	100.0	100.0	99.1	89.2	45.9	7.1	.8	892
	15-17	100.0	100.0	100.0	100.0	99.8	91.1	54.4	13.5	.9	892
	18-20	100.0	100.0	100.0	100.0	100.0	97.2	75.2	29.2	1.2	887
	21-23	100.0	100.0	100.0	100.0	100.0	97.5	82.5	39.2	3.8	808
TOTALS		100.0	100.0	100.0	100.0	99.9	95.6	73.1	35.1	4.7	6505

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAO

RELATIVE HUMIDITY

STATION
12047

STATION NAME
PATRICK AFB FL/COCTA BEACH

57-76

UCM 633

MONTH
170

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	00-02	100.0	100.0	100.0	100.0	99.6	91.9	76.1	47.9	14.2	78.6	639
	03-05	100.0	100.0	100.0	100.0	99.7	91.6	78.8	56.1	18.2	80.1	631
	06-08	100.0	100.0	100.0	100.0	99.3	88.5	69.7	43.3	14.5	77.1	899
	09-11	100.0	100.0	100.0	99.7	96.4	76.1	51.0	20.3	5.2	70.5	924
	12-14	100.0	100.0	100.0	98.8	90.2	64.9	36.0	10.3	1.6	65.8	921
	15-17	100.0	100.0	100.0	99.2	91.1	71.0	42.7	11.9	1.7	67.5	917
	18-20	100.0	100.0	100.0	100.0	97.7	83.6	57.4	23.9	2.9	72.0	923
	21-23	100.0	100.0	100.0	100.0	98.6	89.5	66.6	33.2	6.8	74.8	841
TOTALS		100.0	100.0	100.0	99.7	96.6	82.1	59.8	30.9	8.3	73.3	6695

USAFETAC **FORM**

FORM 0-87.5(01-71)

RELATIVE HUMIDITY

STATION
12867

STATION NAME
PATRICK AFB FL/CDCNA BEACH

67-76

PERIOD

MON
AFTER

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.2	95.0	80.3	60.4	34.1	82.9	618
	03-05	100.0	100.0	100.0	100.0	99.2	94.7	81.2	65.5	37.5	83.9	618
	06-08	100.0	100.0	100.0	100.0	99.0	92.4	75.2	52.8	30.2	81.0	794
	09-11	100.0	100.0	100.0	99.3	94.8	77.6	53.0	26.6	9.3	71.7	890
	12-14	100.0	100.0	99.3	96.2	84.4	58.3	32.1	13.5	1.7	64.0	887
	15-17	100.0	100.0	99.2	95.6	85.9	64.1	37.1	16.9	5.1	66.1	891
	18-20	100.0	100.0	100.0	99.0	94.3	81.8	56.3	27.4	10.9	72.7	883
	21-23	100.0	100.0	100.0	99.9	96.6	89.1	69.6	40.7	15.9	77.0	892
TOTALS		100.0	100.0	99.8	98.9	94.2	81.6	60.6	35.0	18.1	74.9	6473

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

DEC
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.5	98.7	92.4	79.4	54.1	29.0	81.4	621
	03-05	100.0	100.0	100.0	99.3	99.0	92.1	82.1	59.8	31.1	82.6	604
	06-08	100.0	99.9	99.9	99.6	98.4	93.0	80.1	57.2	27.4	81.8	788
	09-11	100.0	100.0	100.0	98.4	93.5	83.4	62.6	35.2	11.2	74.0	912
	12-14	100.0	100.0	98.5	93.1	85.4	66.5	40.5	16.4	3.6	65.9	919
	15-17	100.0	100.0	98.3	92.8	87.3	68.7	45.7	23.2	4.7	67.8	922
	18-20	100.0	100.0	99.9	98.8	94.3	83.1	63.1	38.4	10.0	74.4	916
	21-23	100.0	100.0	100.0	99.7	96.6	89.6	72.2	44.3	17.0	77.8	906
TOTALS		100.0	100.0	99.6	97.7	94.7	83.6	63.7	41.1	16.8	75.7	6588

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

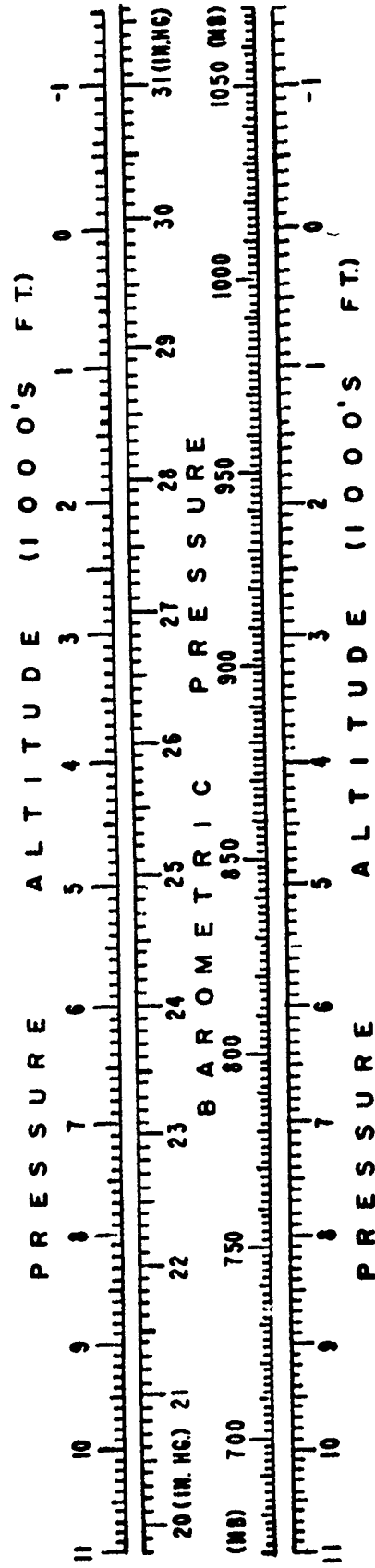
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12867 PATRICK AFB FL/COCOA BEACH 67-76

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	30.104 S.D. TOTAL OBS	30.064 .155 244	30.050 .147 247	30.039 .131 225	29.985 .105 216	29.963 .103 209	30.050 .064 186	30.008 .074 215	29.974 .080 206	29.972 .092 216	30.045 .125 208	30.091 .126 214	30.030 .124 2608
04	30.096 S.D. TOTAL OBS	30.046 .156 240	30.023 .147 247	30.017 .129 222	29.965 .104 214	29.942 .101 209	30.027 .064 186	29.983 .074 216	29.951 .081 208	29.953 .088 214	30.032 .122 209	30.080 .126 213	30.011 .125 2603
07	30.121 S.D. TOTAL OBS	30.084 .151 306	30.059 .138 306	30.058 .124 297	29.995 .100 306	29.982 .097 297	30.052 .062 277	30.023 .073 303	29.982 .076 296	29.996 .102 310	30.065 .118 291	30.099 .129 304	30.043 .120 3571
10	30.165 S.D. TOTAL OBS	30.119 .158 306	30.096 .143 307	30.084 .131 298	30.016 .105 308	30.003 .096 297	30.077 .065 276	30.050 .076 308	30.012 .079 296	30.029 .103 308	30.103 .120 296	30.143 .129 308	30.075 .125 3590
13	30.113 S.D. TOTAL OBS	30.081 .157 306	30.061 .150 308	30.058 .135 296	29.994 .109 306	29.984 .099 296	30.060 .068 278	30.031 .078 305	29.985 .082 297	29.991 .107 304	30.051 .125 295	30.087 .133 305	30.041 .125 3579
16	30.084 S.D. TOTAL OBS	30.036 .160 306	30.017 .153 307	30.014 .140 295	29.956 .108 307	29.953 .097 297	30.027 .066 278	29.996 .075 297	29.948 .080 297	29.963 .108 303	30.024 .127 297	30.061 .134 308	30.006 .126 3571
19	30.109 S.D. TOTAL OBS	30.054 .155 301	30.027 .151 304	30.021 .134 298	29.962 .105 304	29.960 .097 292	30.032 .066 278	29.998 .071 306	29.958 .077 296	29.982 .104 306	30.049 .121 292	30.090 .132 303	30.020 .125 3557
22	30.130 S.D. TOTAL OBS	30.085 .151 304	30.061 .143 307	30.053 .131 296	29.995 .104 308	29.986 .097 297	30.059 .065 278	30.030 .071 306	29.991 .078 299	30.009 .102 307	30.069 .120 298	30.106 .130 307	30.048 .122 3587
ALL HOURS	30.116 S.D. TOTAL OBS	30.072 .157 2113	30.050 .148 2332	30.044 .134 2227	29.984 .107 2269	29.973 .100 2194	30.049 .067 2037	30.017 .077 2256	29.976 .082 2195	29.989 .104 2270	30.056 .124 2186	30.094 .132 2262	30.035 .126 2666

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12867 PATRICK AFB FL/COCOA BEACH 67-76

STATION

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.21018.81018.31018.01016.01015.41018.61016.91015.71015.61018.11019.7											1017.7
	S.D.	4.293 5.290 4.973 4.439 3.671 3.452 2.153 2.479 2.720 3.126 4.223 4.278											4.204
	TOTAL OBS	245 222 246 224 216 209 215 215 206 216 218 214											2636
04	MEAN	1019.91018.21017.41017.21015.51014.71017.31016.11014.91015.01017.71019.3											1017.0
	S.D.	4.292 5.301 4.983 4.339 3.471 3.414 2.145 2.495 2.749 2.979 4.167 4.275											4.207
	TOTAL OBS	241 225 246 223 213 209 216 216 207 214 209 213											2632
07	MEAN	1020.71019.51018.61018.41016.01016.01018.61017.31016.01016.41018.81019.9											1018.1
	S.D.	4.288 5.126 4.678 4.199 3.370 3.311 2.112 2.646 2.577 3.466 3.988 4.395											4.072
	TOTAL OBS	306 278 306 297 306 294 307 302 296 310 292 305											3600
10	MEAN	1022.31020.71019.91019.51017.21016.71019.41018.21017.01017.61020.11021.4											1019.2
	S.D.	4.365 5.315 4.838 4.476 3.545 3.291 2.194 2.538 2.702 3.555 4.065 4.364											4.245
	TOTAL OBS	304 279 307 298 308 297 304 306 289 307 297 308											3604
13	MEAN	1020.51019.41018.71018.61016.41016.41016.01017.71016.11016.21018.31019.5											1018.0
	S.D.	4.481 5.331 5.081 4.604 3.669 3.342 2.296 2.692 2.774 3.637 4.237 4.524											4.236
	TOTAL OBS	305 281 308 297 305 296 308 305 297 305 296 305											3607
16	MEAN	1019.51017.91017.21017.11015.01015.01017.71016.51014.81015.31017.41018.6											1016.9
	S.D.	4.627 5.367 5.175 4.744 3.655 3.278 2.237 2.529 2.711 3.658 4.288 4.555											4.272
	TOTAL OBS	305 278 307 296 306 295 308 296 296 304 296 307											3594
19	MEAN	1020.31018.51017.51017.41015.41015.41017.91016.61015.21015.91018.31019.3											1017.3
	S.D.	4.413 5.259 5.081 4.526 3.519 3.293 2.228 2.394 2.620 3.630 4.111 4.498											4.226
	TOTAL OBS	301 277 305 297 304 294 308 305 296 306 291 303											3587
22	MEAN	1021.11019.61018.71018.51016.51016.21018.81017.61016.31016.91018.91020.1											1018.3
	S.D.	4.272 5.100 4.833 4.422 3.374 3.278 2.195 2.401 2.663 3.485 4.090 4.559											4.113
	TOTAL OBS	303 278 307 296 207 297 206 304 297 306 297 307											3605
ALL HOURS	MEAN	1020.61019.11018.31018.11016.11016.11015.71018.51017.21015.81016.21018.51019.8											1017.8
	S.D.	4.451 5.319 5.020 4.538 3.590 3.376 2.268 2.619 2.772 3.561 4.215 4.506											4.257
	TOTAL OBS	2310 2118 2330 2228 2265 2191 2272 2250 2184 2269 2186 2202											26865